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FIBER ORGANON

Volume 62, No. 11 ☐ November 1991

A publication of *Fiber Economics Bureau, Inc.*

Highlights

- 1991 Directory of American Fiber Manufacturers... begins on page 259.
- U.S. Trade Balance in Apparel... begins on page 268.
- Third Quarter 1991 Production, Shipments and Ending Stocks... begins on page 280.

SHIPMENTS:

In October, total manufactured fiber shipments reached 833 million pounds, 9% above the 762 million pounds shipped in September and 5% above the 791 million pounds shipped in October 1990.

October shipments of synthetic (noncellulosic) filament yarn rose 4% to 392 million pounds and staple+tow rose 15% to 398 million pounds.

Contributing to the increase in shipments over the previous month were acrylic+modacrylic staple+tow up 22% or 8 million pounds, polyester industrial yarn up 20% or 6 million pounds and polyester staple+tow up 37 million pounds or 19%.

Year to date domestic shipments of manufactured fiber are down 1% and exports are up 1%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1991 OCT	1991 SEP	% CHG 10/91-9/91	1990 OCT	% CHG 10/91-10/90	YEAR TO DATE 1991	YEAR TO DATE 1990	% CHG YTD 1991-1990
ARTIFICIAL (CELLULOSIC)								
YARN	19.4	17.7	*+9.6*	19.3	*+0.5*	176.9	173.6	*+1.9*
RAYON STAPLE	23.2	22.1	*+5.0*	28.5	*-18.6*	222.6	261.2	*-14.8*
TOTAL ARTIFICIAL (CELL.)	**42.6**	**39.8**	***+7.0***	**47.8**	***-10.9***	**399.5**	**434.8**	***-8.1***
SYNTHETIC (NONCELL.)								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	27.9	26.3	*+6.1*	28.5	*-2.1*	267.2	284.9	*-6.2*
- CARPET	91.0	90.9	*+0.1*	86.0	*+5.8*	793.7	818.2	*-3.0*
- TEXTILE [a]	36.2	32.6	*+11.0*	32.7	*+10.7*	320.9	306.9	*+4.6*
POLYESTER - INDUSTRIAL	32.4	26.9	*+20.4*	32.5	*-0.3*	280.5	299.1	*-6.2*
- TEXTILE [a]	82.9	72.5	*+14.3*	67.1	*+23.5*	718.2	630.8	*+13.9*
OLEFIN	121.6	126.6	*-3.9*	125.7	*-3.3*	1166.7	1199.1	*-2.7*
TOTAL YARN	**392.0**	**375.8**	***+4.3***	**372.5**	***+5.2***	**3547.2**	**3539.0**	***+0.2***
STAPLE+TOW+FIBERFILL								
NYLON	81.5	79.9	*+2.0*	89.1	*-8.5*	733.9	830.2	*-11.6*
ACRYLIC+MODACRYLIC	45.0	37.0	*+21.6*	40.1	*+12.2*	375.6	416.1	*-9.7*
POLYESTER	227.0	190.5	*+19.2*	206.9	*+9.7*	1848.7	1764.1	*+4.8*
OLEFIN	44.5	38.5	*+15.6*	34.8	*+27.9*	381.9	346.1	*+10.3*
TOTAL STAPLE	**398.0**	**345.9**	***+15.1***	**370.9**	***+7.3***	**3340.1**	**3356.5**	***-0.5***
TOTAL SYNTHETIC (NONCELL.)	**790.0**	**721.7**	***+9.5***	**743.4**	***+6.3***	**6887.3**	**6895.5**	***-0.1***
TOTAL MANUFACTURED FIBER	**832.6**	**761.5**	***+9.3***	**791.2**	***+5.2***	**7286.8**	**7330.3**	***-0.6***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS [b]	783.3	719.0	*+8.9*	741.4	*+5.7*	6853.2	6899.2	*-0.7*
EXPORTS [c]	49.3	42.5	*+16.0*	49.8	*-1.0*	433.6	431.1	*+0.6*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

November 1991

Fiber Organon

A Monthly Review

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1991 DIRECTORY OF AMERICAN FIBER MANUFACTURERS

NOTES & DEFINITIONS

This directory of producers is divided into the following categories:

(1) Artificial (Cellulosic) and Synthetic (Noncellulosic) Fibers
(2) Olefin Fiber
(3) Glass Fiber

The locality shown represents a plant site. Unless shown separately, the Head Sales Office address is the same as the Executive Office address.

The generic fiber names used in this survey are those established by the U.S. Federal Trade Commission (FTC). The *italicized* words are trademarks. All other fiber names are generic and appear in regular type.

• Indicates a company producing olefin fiber as well as other manufactured fiber(s). For example, Ketema produces olefin fiber (page 262) as well as nylon, polyester and saran.

* Indicates a new plant, in the planning stage or under construction, or a new facility for producing a new product at an existing plant. Such facilities are not expected to be operable before 1992.

Yarn means filament yarn.
Monofil means an extruded monofilament and may be either a round or a rectangular (ribbon) cross-section. Monofilaments for bristles are excluded.
Film includes **Slit:** tape produced by slitting an already attenuated wide sheet of olefin film; and **Split:** fibrillated slit film.
Not included in this survey is the slit film used for decorative or tying ribbon and such.
Rope includes braided and twisted rope as well as filler or core fiber.
Cordage is under 3/16" and includes tying and harvest (baler and binder) twine.
Industrial Goods means bags, bale wrap and protective covers, agricultural cloth, tarps and pool covers, etc.
Captive means that most or all of the fiber produced is consumed by the company in a vertical operation.

GENERIC NAMES

The following are generic names, in **bold** type, and a brief description of the fibers covered by each name shown in regular type.

GLASS FIBER

This fiber is made in two primary forms: continuous strand and staple sliver. Continuous strand is drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, is a blown fiber. Glass fiber thus ***does not*** include the substantial quantities of blown glass wool and pack, e.g., mat for air & liquid filtration, acoustical & thermal insulation, battery mats & separators and underground pipe wrap (except reinforcing).

Yarn & Strand: Continuous filament yarn and strand packaged for sale as such. Includes the yarn and strand used in the manufacture of nonwoven scrim for sale as such.
Roving: Two or more ends of untwisted strand. Includes spun strand roving (a single, continuous strand looped back on itself to give the equivalent of two or more strands) and roving for making woven roving.
Mat: Mat in any nonwoven form as made from a continuous filament, i.e., continuous strand mat (filaments bonded with a suitable binder to form a membrane) and chopped strand mat (1/2" to 3" strands deposited in a random manner and resin bonded).
Chopped: Chopped yarn, strand or roving (1/4" to 3-3/4" length).
Milled: Hammer-milled yarn, strand or roving (1/32" to 1/4" length).
Staple Yarn & Sliver: A blown fiber, as noted, and means ribbons of generally parallel glass staple (3" to 15" random lengths) with or without a filament yarn reinforcement, with or without a binder, and slightly condensed to an approximately uniform cross section.

ARTIFICIAL (CELLULOSIC) FIBERS

Acetate: Artificial (cellulosic) acetate. Cigarette filtration tow is excluded.
Triacetate: Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.
Rayon: Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.
Cupra: Cuprammonium rayon. The viscose rayon yarns are identified as **ind** (industrial or high tenacity yarn) and **reg** (regular or textile yarn).

SYNTHETIC (NONCELLULOSIC) FIBERS

Acrylic: At least 85% acrylonitrile by weight.
Modacrylic: 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.
Nylon: A long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc. Where a company produces both type 6 and type 66, the designation 6/66 is used.
Aramid: A long-chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings.
Olefin: At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.
PBI: A long chain having recurring imidazole groups.
Polyester: At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalic units, and parasubstituted hydroxybenzoate units.
Saran: At least 80% vinylidene chloride by weight.
Spandex: At least 85% of segmented polyurethane.
Sulfar: A long chain synthetic polysulfide in which at least 85% of the sulfide linkages are attached to two aromatic rings.
Vinyon: At least 85% vinyl chloride by weight.

Other manufactured fibers included in this survey, but not listed by the FTC, are Polycarbonate and **TFE-** & **FEP-**fluorocarbon.

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, lastrile, metallic and novoloid. Fibers falling under the FTC designations of anidex, azlon and nytril are not produced in the United States.

Carbon fibers are not included in this survey.

ALBANY INTERNATIONAL-MONOFILAMENT PLANT ●

EXECUTIVE OFFICE: 156 South Main Street, Homer, NY 13077

Fluoro	Homer, NY *Halar, Kynar, Tefzel* (monofil)
Nylon 6/66/612	Homer (monofil)
Polyester	Homer (monofil - regular & hydrolysis - resistant)

ALLIED-SIGNAL INC., ENGINEERED MATERIALS SECTOR, FIBERS DIVISION ●

EXECUTIVE OFFICE: P.O. Box 31, Petersburg, VA 23804
REGIONAL SALES: 400 North Tustin Avenue, Santa Ana, CA 92705
2100 Fiber Park Drive, Dalton, GA 30720
64 South Miller Road, Akron, OH 44313
1411 Broadway, New York, NY 10018

Nylon 6	Columbia, SC and Chesterfield, VA *A.C.E., Anso-Tex, Anso IV HP, Anso V Worry Free, Anso, Anso with Scotchgard Stain Release, Anso Crush Resister, Anso TI, Caplana, Caprolan, Caprolan 2000 Sea Gard, Caprolan 2000 Stay Gard, Capima, Captiva, Compet, Creme De Captiva, Hydrofil, Patina* (yarn, monofil & staple)
Polyester	Moncure, NC *A.C.E., A.C.E. Sea Gard, Compet, Stay Gard* (yarn & monofil)

AMERICAN CYANAMID COMPANY, FIBERS DEPARTMENT

EXECUTIVE OFFICE: One Cyanamid Plaza, Wayne, NJ 07470
REGIONAL SALES: P.O. Box 32787, Charlotte, NC 28232

Acrylic	Milton, FL *Creslan* (staple & tow)

AMERICAN MICRELL*

EXECUTIVE OFFICE: P.O. Box 338, Blacksburg, SC 29702

Polyester	Blacksburg, SC (yarn)

BASF CORPORATION FIBERS DIVISION

EXECUTIVE OFFICE: P.O. Drawer D, Williamsburg, VA 23187
REGIONAL SALES: 1100 Town & Country Road, Suite 740, Orange, CA 92668
500 Holiday Avenue, P.O. Box 98, Dalton, GA 30722
1675 Broadway, 35th Floor, New York, NY 10019
629 Green Valley Road, Suite 200, Greensboro, NC 27408

Nylon 6	Enka, NC; Anderson & Central, SC and Lowland, TN *Crepeset, Shimmereen, Softglo, Vivana, Zefsport, Zeftron, Zeftron 500, Zeftron 500 ZX* (yarn & staple)
Polyester	Lowland, TN *Golden Glow, Golden Touch, Silky Touch, Strialine, Ultra Touch* (yarn)
Rayon	Lowland, TN *Zantrel* (staple)

BASF Corporation has a carpet yarn spinning plant in Sylvania, GA.

BEAULIEU OF AMERICA, INC. ●

EXECUTIVE OFFICE: P.O. Box 4539, Dalton, GA 30721

Nylon 6	Bridgeport, AL (yarn)

BERKLEY & CO. INC. ●

EXECUTIVE OFFICE: Highways 9 & 71, Spirit Lake, IA 51360

Nylon 6	Spirit Lake, IA (monofil)

CAMAC CORPORATION ●

A Cookson Company
EXECUTIVE OFFICE: P.O. Box 1004, Bristol, VA 24203

Nylon 6	Bristol, VA *Camalon* (yarn)
Polyester	Bristol (yarn)

CONSOLIDATED TEXTILES

EXECUTIVE OFFICE: P.O. Box 240416, Charlotte, NC 28224

Polyester	Marian, SC (staple)

COURTAULDS FIBERS INC.

MARKETING/MERCHANDIZING: 104 West 40th Street, New York, NY 10018
CORPORATE OFFICE: P.O. Box 141, Axis, AL 36505

Rayon	Le Moyne, Mobile County, AL *Fibro, Tencel* (staple)

DORSETT CARPET MILLS INC. ●

BCF YARN DIVISION
EXECUTIVE OFFICE: P.O. Box 740, Chatsworth, GA 30705

Nylon 6	Chatsworth, GA (yarn)

E. I. DU PONT DE NEMOURS & COMPANY (INC.) ●

DUPONT FIBERS ●
EXECUTIVE OFFICE: Wilmington, DE 19880-0722
REGIONAL SALES: 403 Holiday Avenue, Dalton, GA 30720
1251 Avenue of the Americas, New York, NY 10020
6250 Fairview Road, Charlotte, NC 28234
4000 Embassy Parkway, Akron, OH 44333

Aramid	Richmond, VA *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
Nylon 66	Seaford, DE; Camden, SC; Chattanooga, TN and Martinsville, Richmond & Waynesboro, VA *Antron, Supplex* (yarn, monofil, staple & tow)
Polyester	Kinston & Wilmington, NC and Camden & Charleston, SC *Dacron* (yarn, staple, tow & fiberfill)
Spandex	Waynesboro *Lycra* (fused multifil or coalesced monofil)

POLYMER PRODUCTS
EXECUTIVE OFFICE: See Listing Above

Nylon 6/66/612 & Polyester	Parkersburg, WV *Dacron, Dymetrol, Tynex, Vylor* (monofil of 50 denier & coarser)

EASTMAN KODAK COMPANY

EASTMAN CHEMICAL COMPANY
EXECUTIVE OFFICE: P.O. Box 511, B-54B, Kingsport, TN 37662-5054
MARKETER: EASTMAN CHEMICAL PRODUCTS, INC., P.O. Box 431, Kingsport, TN 37662-5054

Acetate	Kingsport, TN *Chromspun, Estron* (yarn)
Polyester	Kingsport *Kodel* (staple)

FIBER WEB NORTH AMERICA, INC. ●
(Formerly James River Corporation)
EXECUTIVE OFFICE: 545 North Pleasantburg Drive, Greenville, SC 29607

Nylon 6/66	Cantonment, FL *Cerex* (spunbonded)
Polyester	Milford, NJ and Simpsonville, SC *Polyweb* (thermal bond & meltblown)

FIRESTONE FIBERS & TEXTILES COMPANY
DIVISION OF BRIDGESTONE/ FIRESTONE, INC.
EXECUTIVE OFFICE: P.O. Box 1278, Gastonia, NC 28052

Polyester	Hopewell, VA (yarn)

FOSS MANUFACTURING COMPANY, INC. ●
EXECUTIVE OFFICE: 380 Lafayette Road, P.O. Box 5000, Hampton, NH 03842-5000

Polyester	Haverhill, MA and Hampton, NH (staple - captive)

GATES FORMED FIBER PRODUCTS, INC.
EXECUTIVE OFFICE: Washington Street, P.O. Box 1300, Auburn, ME 04210

Polyester	Auburn, ME (staple)

GLOBE MANUFACTURING CO.
EXECUTIVE OFFICE: 456 Bedford Street, Fall River, MA 02720

Spandex	Fall River, MA and Gastonia, NC *Cleerspan, DC-100, DC-700, Glospan* (fused multifil)

THE GOODYEAR TIRE & RUBBER COMPANY, POLYESTER DIVISION
EXECUTIVE OFFICE: Akron, OH 44316-0001

Polyester	Scottsboro, AL and Point Pleasant, WV (yarn - captive)

GUILFORD FIBERS
GUILFORD MILLS INC.
EXECUTIVE OFFICE: 4925 West Market Street, Greensboro, NC 27402
REGIONAL SALES: 200 Dickens Road, P.O. Box 789, Fuquay-Varina, NC 27526

Nylon 6	Gainesville, GA (monofil)
Polyester	Fuquay-Varina, NC (yarn & monofil)

GULF FIBERS INC.
EXECUTIVE OFFICE: Falk Industries, Inc., 569 Broadway, New York, NY 10012

Nylon 6	Le Moyne, Mobile County, AL (monofil)

HOECHST CELANESE-TEXTILE FIBERS ●
EXECUTIVE OFFICE: 6000 Carnegie Blvd., Charlotte, NC 28209
SALES OFFICE: 900 Circle 75 Parkway, Suite 1240, Atlanta, GA 30339
REGIONAL SALES: California Mart, 110 East 9th Street, Room A 1229, Los Angeles, CA 90079
Crown Pointe Bldg., Suite 240, 175 Montrose West Avenue, Akron, OH 44321

Acetate	Rock Hill, SC *Celriver* and Narrows, VA *Celco* (yarn, staple & tow)
Nylon 6/66	Waynesboro, VA (monofil)
Polyester	Salisbury & Shelby, NC, Spartanburg, SC and Waynesboro, VA *BTU, Ceylon, Comfort Fiber, ESP, Loftguard, Polar-Guard, Prematill Soft, Prematill Plump, Serene, Superba, Trevira* (yarn, staple, tow, highloft, spunbonded & monofil))
PBI	Rock Hill (staple)
Polycarbonate	Waynesboro (monofil)

IMAGE CARPETS, INC.
EXECUTIVE OFFICE: Hwy. 140 - P.O. Box 5555, Armuchee, GA 30105

Polyester	Armuchee, GA (staple - captive)

JOHNSON FILAMENTS, INC.
EXECUTIVE OFFICE: Industrial Avenue, Williston, VT 05495

Nylon 6/66	Williston, VT (monofil)
Polyester	Williston (monofil)

KAYSER-ROTH CORPORATION
YARN MANUFACTURING DIVISION
EXECUTIVE OFFICE: 2303 West Meadowview Road, Greensboro, NC 27407

Nylon 66	Creedmoor, NC (yarn - captive)

KETEMA INC., SPECIAL FILAMENTS DIVISION ●
EXECUTIVE OFFICE: 8335 Telegraph Road, Odenton, MD 21113

Nylon 6/66/612/610/12	Odenton, MD (monofil)
Polyester	Odenton (monofil)
PEEK	Odenton (monofil)
PPS	Odenton (monofil)

LEWISTOWN "SPECIALTY" YARNS, INC.
EXECUTIVE OFFICE: 1000 Elizabeth Street, Lewistown, PA 17044

Polyester	Lewistown, PA (yarn)

MANN INDUSTRIES, INC.
EXECUTIVE OFFICE: P.O. Box 919, Williamsburg, VA 23187-0919

Acrylic	Williamsburg, VA 100% Homopolymer Acrylic, Non-Dyeable, Precolored Fiber/Tow; A-451 Series Solution Dyed; A-405 Series-Producer Colored, *Biokryl* (Antimicrobial Fiber/Yarn); CF-944 (Conductive Fiber); A-583 (Reinforcing Fiber); A-513, A-521 (Friction Products); JM-190 (Asbestos Replacement) (staple)

MARTIN COLOR-FI, INC. ●

EXECUTIVE OFFICE: P.O. Box 469, Edgefield, SC 29824

Nylon	Sumter & Trenton, SC (staple & tow)
Polyester	Sumter & Trenton (staple & tow)

MONSANTO COMPANY

EXECUTIVE OFFICE: 800 North Lindbergh Blvd., St. Louis, MO 63167
MONSANTO CHEMICAL COMPANY, FIBERS & ENGINEERED PRODUCTS DIVISION
REGIONAL SALES: 24012 Calle de la Plata, Suite 250, Laguna Hills, CA 92654
320 Interstate North Parkway, Atlanta, GA 30339
1460 Broadway, 11th Floor, New York, NY 10036
6230 Fairview Road, Charlotte, NC 28210
260 Springside Drive, P.O. Box 5444, Akron, OH 44313-0444

Acrylic	Decatur, AL *Acrilan, Acrilan II, Bi-Loft, Duraspun, Du-Rel, Fi-Lana II, Pa-Qel, So-Lara* (staple & tow)
Modacrylic	Decatur *SEF, SEF Plus* (staple & tow)
Nylon 66	Pensacola, FL and Greenwood, SC *No-Shock, Ultron* (yarn, monofil & staple)
Nylon 66/Acrylic	Foley, AL *Traffic Control Fiber System* (staple)

NORTH AMERICAN POLYESTER CORPORATION

Subsidiary of North American Rayon Corporation
EXECUTIVE OFFICE: West Elk Avenue, Elizabethton, TN 37643

Polyester	Elizabethton, TN (staple)

NORTH AMERICAN RAYON CORPORATION

EXECUTIVE OFFICE: West Elk Avenue, Elizabethton, TN 37643
REGIONAL SALES: 500 Fifth Avenue, New York, NY 10110

Rayon	Elizabethton, TN (ind & reg yarn & tow)

PHILLIPS FIBERS CORPORATION ●

Subsidiary of Phillips 66 Company
EXECUTIVE OFFICE: P.O. Box 66, Interstate 85, Greenville, SC 29602

Sulfar	Rocky Mount, NC *Ryton* (staple)

REEMAY, INC. ●

EXECUTIVE OFFICE: P.O. Box 511, Old Hickory, TN 37138

Polyester	Old Hickory, TN *Reemay* (spunbonded)

SHAKESPEARE COMPANY, MONOFILAMENT DIVISION ●

SALES OFFICE: 6111 Shakespeare Road, Columbia, SC 29223
P.O. Box 4060, Columbia, SC 29240

Nylon 6/66/610	Columbia, SC (monofil)
Polyester	Columbia (monofil)
PEEK	Columbia (monofil)
PPS	Columbia (monofil)

STAR FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 588, Edgefield, SC 29824
REGIONAL SALES: Edgefield, SC 29824

Nylon 6/66	Edgefield, SC *Starbrite* (staple)

TOLARAM FIBERS, INC. ●

EXECUTIVE OFFICE: 9140 Arrow Point Blvd., Suite 270, Charlotte, NC 28273

Nylon 66	Ansonville, NC (yarn)
Polyester	Ansonville & Asheboro, NC (yarn)

WELLMAN, INC./FIBER INDUSTRIES

EXECUTIVE OFFICE: 1040 Broad Street, Suite 302, Shrewsbury, NJ 07702
SALES OFFICE: 1133 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 5146 Parkway Plaza Blvd., Charlotte, NC 28217
4040 Summit Drive, Marietta, GA 30068

Nylon 6/66	Johnsonville, SC *Wellon, Wellstrand* (staple, tow & tops)
Polyester	Fayetteville, NC and Darlington & Johnsonville, SC *Fillwell, Fortrel, Wellene, Wellstrand* (yarn, staple & tow)

YKK (U.S.A.) INC.

EXECUTIVE OFFICE: 4324 Ocmalgee East Blvd., Macon, GA 31297

Polyester	Macon, GA (yarn)

OLEFIN FIBER

ACS INDUSTRIES, INC.

EXECUTIVE OFFICE: 160 Hamlet Avenue, Woonsocket, RI 02895
PLANT: Woonsocket, RI (P yarn, monofil & multifil)

ALADDIN MILLS, INC.

EXECUTIVE OFFICE: P.O. Box 2208, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

ALBANY INTERNATIONAL - MONOFILAMENT PLANT

EXECUTIVE OFFICE: See Listing on Page 260
PLANT: Homer, NY (P monofil)

ALLIED-SIGNAL INC., ENGINEERED MATERIALS SECTOR, FIBERS DIVISION

EXECUTIVE OFFICE: See Listing on Page 260
PLANT: Chesterfield, VA *Spectra* (E yarn & staple)

AMERICAN MANUFACTURING COMPANY
EXECUTIVE OFFICE: 200 South Park Road, Lafayette, LA 70505
REGIONAL SALES: 107 Trumball Street, Elizabeth, NJ 07206
5854 Hollis Street, Emeryville, CA 94608
1520 Industrial Blvd., Jacksonville, FL 32205
6110 Bienvenue Street, New Orleans, LA 70117
1715 South 11th Street, St. Louis, MO 63104
1350 Kress Street, Houston, TX 77020
5050 First Avenue South, Seattle, WA 98134
LAFAYETTE ROPE DIVISION
PLANT: Lafayette, LA *Amco, American, Bondtie, Floterope, Ultraline* (E & P monofil & film)

AMERICAN POLYCRAFT, INC.
EXECUTIVE OFFICE: P.O. Box 3603, 107 Callahan Road SE, Dalton, GA 30721-0603
PLANT: Dalton, GA (P yarn & film)

AMOCO FABRICS & FIBERS COMPANY
EXECUTIVE OFFICE: 900 Circle 75 Parkway, Suite 550, Atlanta, GA 30339
REGIONAL SALES: 15066 Shoemaker Avenue, Santa Fe Springs, CA 90670
P.O. Box 911, Dalton, GA 30722-0911
P.O. Box 3667, 835 Shugart Road, Dalton, GA 30721-0667
6407 Idlewild Road, Suite 106, Charlotte, NC 28212
PLANT: Andalusia & Roanoke, AL; Bainbridge, Hazlehurst & Nashville, GA and Afton, VA *Amoweve, Condesa, Genesis, Marquésa Lana, Marquésa Lana ST, Patlon, Patlon Plus, Propex III, Synera* (P yarn, monofil, film & staple)

ARLIN MFG. CO., INC.
EXECUTIVE OFFICE: 239 Industrial Avenue, Lowell, MA 01853
PLANT: Lowell, MA (P film)

BEAULIEU OF AMERICA, INC.
EXECUTIVE OFFICE: See Listing on Page 260
PLANT: Bridgeport, AL and Dalton, GA (P yarn, film & staple)

BERKLEY & CO. INC.
EXECUTIVE OFFICE: See Listing on Page 260
PLANT: Spirit Lake, IA (E & P monofil - captive)

BLUE MOUNTAIN INDUSTRIES
EXECUTIVE OFFICE: 20 Blue Mountain Road, Blue Mountain, AL 36201
PLANT: Blue Mountain, AL *Poly Tying Twines, Polylasting, TY-EZ Polytapes* (E & P film)

BRIDON CORDAGE INC.
EXECUTIVE OFFICE: 909 16th Street, Albert Lea, MN 56007
PLANT: Albert Lea, MN (P film cordage)

CALIFORNIA WEBBING INDUSTRIES, INC.
EXECUTIVE OFFICE: 4560 Pacific Blvd., Los Angeles, CA 90058
PLANT: Los Angeles, CA (P yarn)

CAMAC CORPORATION
A Cookson Company
EXECUTIVE OFFICE: See Listing on Page 260
PLANT: Bristol, VA (P yarn)

CARRIAGE INDUSTRIES
EXECUTIVE OFFICE: Box 12542, Calhoun, GA 30703
PLANT: Calhoun, GA (P yarn)

CHASE PACKAGING CORPORATION
Subsidiary of Union Camp Corp.
EXECUTIVE OFFICE: 53 Forest Avenue, Old Greenwich, CT 06870
PLANT: Portland, OR (P film industrial goods)

CIRTEX CORPORATION
EXECUTIVE OFFICE: Dalton, GA
PLANT: Dalton, GA (P film)

COLUMBIAN ROPE COMPANY
EXECUTIVE OFFICE: P.O. Box 270, 145 Towery Street, Guntown, MS 38849
REGIONAL SALES: P.O. Box 270, 145 Towery Street, Guntown, MS 38849
PLANT: Guntown, MS *Polypro 6* (E & P monofil & film)

CONTINENTAL
(P yarn)

CROWE ROPE COMPANY
EXECUTIVE OFFICE: Warren, ME 04864
PLANT: Warren, ME *Crowelon* (P monofil & film)

CUMBERLAND MILLS, INC.
EXECUTIVE OFFICE: 1010 North Hamilton Street, Dalton, GA 30720
PLANT: Dalton, GA (P yarn)

CUTLASS CARPET COMPANY
PLANT: Dalton, GA (P yarn)

DIAMOND MILLS, INC.
EXECUTIVE OFFICE: P.O. Box 46, Eton, GA 30724
PLANT: Eton, GA (P yarn & film)

DICEY MILLS, INC.
EXECUTIVE OFFICE: Neisler Street, Box 1090, Shelby, NC 28150
PLANT: Shelby, NC (P yarn)

DORSETT CARPET MILLS INC.
BCF YARN DIVISION
EXECUTIVE OFFICE: See Listing on Page 260
PLANT: Chatsworth, GA (P yarn)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
DUPONT FIBERS
EXECUTIVE OFFICE: See Listing on Page 260
PLANT: Richmond, VA *Tyvek* (E spunbonded),
Chattanooga, TN (P yarn)

ELIZABETH WEBBING MILLS CO., INC.
EXECUTIVE OFFICE: 521 Roosevelt Avenue, Central Falls, RI 02862
PLANT: Central Falls, RI (P yarn)

ENSIGN-BICKFORD INDUSTRIES, INC.
FILM FIBERS DIVISION
EXECUTIVE OFFICE: 630 Hopmeadow Street, Simsbury, CT 06070
PLANT: Simsbury, CT *E-B Mesh®*, chopped fibers for concrete (P film)

EXTRUDED FIBERS, INC.
EXECUTIVE OFFICE: 112 West Westcott, Dalton, GA 30721
PLANT: Dalton, GA (P yarn)

EXXON CHEMICAL COMPANY,
POLYMERS GROUP - TEXTILES DIVISION
DIVISION HEADQUARTERS: 2550 West Fifth North Street, Summerville, SC 29483-9699
MARKETING OFFICE: 2100 River Edge Parkway, Suite 1025, Atlanta, GA 30328-4654
PLANT: Summerville, SC (P monofil & film)
The company also weaves *Baxon* carpet backing and packaging fabrics at Summerville, SC.
POLYMERS GROUP - TWINE DIVISION
DIVISION HEADQUARTERS: 100 South Penalosa, Kingman, KS 67068
MARKETING OFFICE: 100 South Penalosa, Kingman, KS 67068
PLANT: Kingman, KS and Clearfield, UT (P monofil & film)

FIBER WEB NORTH AMERICA, INC.
(Formerly James River Corporation)
EXECUTIVE OFFICE: See Listing on Page 261
PLANT: Milford, NJ; Simpsonville, SC and Washougal, WA *Celestra, Fibretex* (P spunbonded)

FIBERS & FABRICS OF GEORGIA, INC.
Subsidiary of Georgia Synthetics, Inc.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (PP yarns, fibrillated, roll embossed filaments & slit tape)

FIBERS SOUTH, INC.
EXECUTIVE OFFICE: P.O. Box 189, Trussville, AL 35173
PLANT: Trussville, AL *Polystar, Trustite, Tyrite* (P film, monofil, tapes & staple)

FILAMENT FIBER TECHNOLOGY
INCORPORATED
EXECUTIVE OFFICE: 571 West Lake Avenue, Bay Head, NJ 08742
PLANT: Salisbury, NC (P fine denier yarn)

FNT INDUSTRIES, INC.
EXECUTIVE OFFICE: 927 First Street, Menominee, MI 49858
PLANT: Menominee, MI (E monofil)

FOSS MANUFACTURING CO., INC.
EXECUTIVE OFFICE: See Listing on Page 261
PLANT: Haverhill, MA and Hampton, NH (P staple - captive)

GENERAL FIBERS & FABRICS, INC.
EXECUTIVE OFFICE: Orchard Hill Road, La Grange Industrial Park, La Grange, GA 30240
PLANT: La Grange & Soperton, GA (P film)
The company also weaves *Supertuft* carpet backing as well as bagging and woven polypropylene fabrics here.

GEORGIA SYNTHETICS, INC.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (PP carpet backing, industrial fabrics)

HERCULES INCORPORATED
ABSORBENT AND TEXTILE PRODUCTS GROUP
EXECUTIVE OFFICE: Hercules Plaza, Wilmington, DE 19894
MARKETING HEADQUARTERS: 3169 Holcomb Bridge Road, Suite 301, Norcross, GA 30071
PLANT: Oxford, GA *Elustra, Herculon, Nouvelle* (P yarn & staple)

HOECHST CELANESE TEXTILE FIBERS
EXECUTIVE OFFICE: See Listing on Page 261
PLANT: Waynesboro, VA (P monofil)

THE HOOVEN & ALLISON COMPANY
EXECUTIVE OFFICE: 677 Cincinnati Avenue, Xenia, OH 45385
PLANT: Xenia, OH (P film)

J & J INDUSTRIES
EXECUTIVE OFFICE: P.O. Box 1287, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

KETEMA INC., SPECIAL FILAMENTS DIVISION
EXECUTIVE OFFICE: See Listing on Page 261.
PLANT: Odenton, MD (E & P monofil)

KIMBERLY-CLARK CORPORATION
EXECUTIVE OFFICE: 1400 Holcomb Bridge Road, Roswell, GA 30076
PLANT: Corinth, MS; Balfour & Lexington, NC; La Grange, GA and Neenah, WI *Accord, Duraguard, Evolution* (P spunbonded); *Cyclean, Evolution III* (P spunbonded/meltblown laminate)

LAMBETH CORPORATION
EXECUTIVE OFFICE: 627 Tarkiln Hill Road, P.O. Box G-825, New Bedford, MA 02742-0825
PLANT: New Bedford, MA *Lambeth* (E & P monofil)

LAWRENCE INDUSTRIES
SALES OFFICE: P.O. Box 1838, Burlington, NC 27215
PLANT: Burlington, NC (E monofil - captive)

LORETEX CORPORATION
EXECUTIVE OFFICE: Northeastern Industrial Park, Bldg. 18, P.O. Box 45, Guilderland Center, NY 12085
REGIONAL SALES: Research Plastics Marketing, 9 Pickering Way, Salem, MA 01970
PLANT: Guilderland Center, NY (E film - captive)

MARTIN COLOR-FI, INC.
EXECUTIVE OFFICE: See Listing on Page 262.
PLANT: Sumter, SC (P staple)

MIRAFI
Division of Ten Cate Geosynthetics Group
EXECUTIVE OFFICE: P.O. Box 240967, Charlotte, NC 28224
PLANT: Cornelia, GA (P film & monofil)

ORIAN RUGS INC.
EXECUTIVE OFFICE: P.O. Drawer 2276, Highway 81 North, Anderson, SC 29622
PLANT: Anderson, SC (PP yarn)

THE OSTERNECK COMPANY
EXECUTIVE OFFICE: P.O. Box 859, Lumberton, NC 28359
PLANT: Lumberton, NC (P film)
The company weaves industrial goods here, and converts into tubing & bale wraps.

PAN AMERICAN AGRI FABRICS
(Formerly Sarlon Industries, Inc.)
EXECUTIVE OFFICE: 775 N.W. 71st Street, Miami, FL 33150
PLANT: Miami, FL (P monofil & film)

PHILLIPS FIBERS CORPORATION
Subsidiary of Phillips 66 Company
EXECUTIVE OFFICE: See Listing on Page 262.
PLANT: Rocky Mount, NC and Seneca & Spartanburg, SC *Alpha, Marvess* (P yarn, staple & tow)
The company also manufactures *Duon, Petromat, Rufon & Supac* non-woven fabrics at Seneca, SC.

POLI-TWINE WESTERN INC.
EXECUTIVE OFFICE: Box 1255, Bldg. A-16A, Freeport Center, Clearfield, UT 84016
PLANT: Clearfield, UT (P monofil, P film, rope & cordage)

POLYLOOM CORPORATION OF AMERICA
EXECUTIVE OFFICE: 1615 North Broadway, P.O. Box 289, Dayton, TN 37321
PLANT: Dayton, TN *Polyloom* (P split film)

PRINCETON (CARPET IND. OF N.A.)
EXECUTIVE OFFICE: P.O. Box 100050, 201 Princeton Blvd., Adairsville, GA 30103-8050
PLANT: Adairsville, GA (P yarn)

REEMAY, INC.
EXECUTIVE OFFICE: See Listing on Page 262.
PLANT: Old Hickory, TN *Typar, Typelle, Tekton, Biobarrier* (P spunbonded)

SHAKESPEARE MONOFILAMENT DIVISION
EXECUTIVE OFFICE: See Listing on Page 262.
PLANT: Columbia, SC (P monofil)

SHAW INDUSTRIES
(Formerly Armstrong World Industries, Inc.)
EXECUTIVE OFFICE: P.O. Drawer 2128, Dalton, GA 30722-2128
PLANT: Charlotte, NC (P yarn & film - captive)

SHUFORD MILLS, INC.
EXECUTIVE OFFICE: Highland Avenue & 15th Street, N.E. Hickory, NC 28601
PLANT: Hickory, NC (P film, cordage & twine)

SOLUTION FIBERS INC.
EXECUTIVE OFFICE: P.O. Box 447, 110 West McCarter Road, Lafayette, GA 30728
PLANT: Lafayette, GA *Better Body, Luxene* (P yarn)

SOUTHERN WEAVING, INC.
EXECUTIVE OFFICE: Greenville, SC 29602
PLANT: Greenville, SC (P yarn)

STEVENS FIBER DIVISION, STEVENS LINEN ASSOC., INC.
EXECUTIVE OFFICE: P.O. Box 220, Webster, MA 01570
PLANT: Dudley, MA (P staple)

SUNSHINE ROPE MANUFACTURING INC.
EXECUTIVE OFFICE: 7250 N.W. 41 Street, Miami, FL 33166-6799
PLANT: Miami, FL (E & P monofil, cordage)

SYNTEC INDUSTRIES
EXECUTIVE OFFICE: P.O. Box 5695, Rome, GA 30162
PLANT: Rome, GA (P staple)

SYNTHETIC INDUSTRIES
EXECUTIVE OFFICE: 309 Lafayette Road, Chickamauga, GA 30707
PLANT: Chickamauga & Dalton, GA (P film, yarn & staple)

SYNTHETIC INDUSTRIES, FIBRON DIVISION
EXECUTIVE OFFICE: 4019 Industry Drive, Chattanooga, TN 37416
PLANT: Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)

TECHNOTRADE
PLANT: Dalton, GA (P yarn)

TOLARAM FIBERS, INC.
EXECUTIVE OFFICE: See Listing on Page 262
PLANT: Ansonville, NC (P yarn)

TWINE PRODUCTS CORPORATION
EXECUTIVE OFFICE: 201 Dufossat, P.O. Box 15285, New Orleans, LA 70175
PLANT: New Orleans, LA (P film)

UNITED STATES ROPE COMPANY
EXECUTIVE OFFICE: 711 Hamilton Avenue, Menlo Park, CA 94025
PLANT: Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC.
EXECUTIVE OFFICE: P.O. Box 830, Granite Quarry, NC 28072
PLANT: Granite Quarry, NC (E & P monofil, rope and cordage)

WALTRICH PLASTIC CORPORATION
EXECUTIVE OFFICE: P.O. Box D, Walthourville, GA 31333
PLANT: Walthourville, GA (P monofil)

WAYN-TEX, INC.
EXECUTIVE SALES OFFICE: Box 648, Dalton, GA 30720
PLANT: Waynesboro, VA *Beamette, Wayntuf* (E & P monofil & P film)
The company weaves *Wayntuf* primary carpet backing.

WELLINGTON LEISURE PRODUCTS INC.
EXECUTIVE OFFICE: Madison, GA 30650
PLANT: Pilot Mountain, NC *Pur-Ty, Welltite* (P yarn & E & P monofil & film)

WELLINGTON SYNTHETIC FIBRES, INC.
EXECUTIVE OFFICE: 52 Courtland Street, Paterson, NJ 07503
PLANT: Leesville & Summerville, SC (P yarn & monofil)
The company also weaves outdoor furniture webs at Leesville.

The following companies are also producing a variety of textile products from olefin: **Conwed Corp. Conwed Plastic Netting** (P embossed film for netting); **E.I. du Pont De Nemours & Company (Inc.)** (E & P embossed film for netting); **Hercules Incorporated, Polymers Division** *Delnet* (E embossed film for netting); **Nalle Inc.** (P embossed film for netting); and **The 3M Company** (P spunbonded).

GLASS FIBER

FIBER GLASS INDUSTRIES, INC.
EXECUTIVE OFFICE: RD 5, Edson Street, Amsterdam, NY 12010
PLANT: Amsterdam, NY (roving & chopped, woven, mats)

GAF BUILDING MATERIALS CORPORATION

EXECUTIVE OFFICE: 1361 Alps Road, Wayne, NJ 07470
PLANT: Nashville, TN (chopped - captive)

GFT, INC. (GLASS FIBER TECHNOLOGY)

EXECUTIVE OFFICE: P.O. Box 670, Chester, SC 29706
PLANT: Chester, SC (wet chop for shingles)

LUNDY TECHNICAL CENTER

EXECUTIVE OFFICE: Pompano Beach, FL 33064
PLANT: Pompano Beach, FL *RoMHOglas* (metallized glass fiber roving & strand and nonwoven metallized glass mat)

MANVILLE SALES CORPORATION

REINFORCEMENTS & FILTRATION DIVISION

EXECUTIVE OFFICE: P.O. Box 517, Toledo, OH 43697
PLANT: Waterville, OH; Etowah, TN and Ennis, TX *Chop-Pak, Dura-Glass, Star Rov, Star Stran, Star Tex, Tempstran, Vitron* (mat, chopped strands, sliver, rovings & microfibers)

NICOFIBERS CO.

EXECUTIVE OFFICE: 9702 Ironpoint Road, Shawnee, OH 43782
PLANT: Shawnee, OH *Conformat, Surmat* (continous strand & filament mats)

NITTOBO-SCHWEBEL CORPORATION *

(yarn)

OWENS-CORNING FIBERGLAS CORPORATION

EXECUTIVE OFFICE: Fiberglas Tower, Toledo, OH 43659
REGIONAL SALES: 4 Hutton Centre Drive, Suite 100, Santa Anna, CA 92707
750 Lake Cook Road, Suite 201, Buffalo Grove, IL 60089
15300 West 8 Mile, Oak Park, MI 48237
Bldg. 5601, 77 Center Drive, Suite 240, Charlotte, NC 28210
900 West Valley Road, Suite 1101, Wayne, PA 19087
12750 Merit Drive, Suite 100, Park Central VII, Dallas, TX 75251
PLANT: Huntingdon, PA; Aiken & Anderson, SC and Amarillo, TX *Araton, Beta, Bi-Ply, Creel-Pak, ECRGLAS Type 30, Fiberglas, S-Glass, S-2 Glass* (yarn, roving, woven roving, mat chopped & milled)

PPG INDUSTRIES, INC.

FIBER GLASS PRODUCTS

EXECUTIVE OFFICE: One PPG Place, Pittsburgh, PA 15272
REINFORCEMENT PRODUCTS:
REGIONAL SALES: 23441 South Pointe Drive, Suite 145, Laguna Hills CA 92653
400 Northridge Road, Suite 110, Atlanta, GA 30350
710 East Ogden Avenue, Suite 215, Naperville, IL 60563
5875 New King Court, P.O. Box 3510, Troy, MI 48007-3510
TEXTILE PRODUCTS: 825 East Majestic Court, Gastonia, NC 28054
2253 South Avenue, Westfield, NJ 07090
PLANT: Lexington & Shelby, NC (yarn, roving, woven roving, mat, chopped & milled, and rubber reinforcement)

SUPERIOR GLASS FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 89, Bremen, OH 43107
PLANT: Bremen, OH (mat)

VETROTEX CERTAINTEED CORPORATION

EXECUTIVE OFFICE: 750 East Swedesford Road, P.O. Box 860, Valley Forge, PA 19482
REGIONAL SALES: 1801 East Parkcourt Street, Bldg. D, Suite 104 Santa Ana, CA 92701
4131 N.W. 13th Street, Suite 202, Gainesville, FL 32609
45 West 297 Kelly Road, Hampshire, IL 60140
1 City Centre, 120 West 7th, Suite 312, Bloomington, IN 47404
533-A Mur Len Road, Olathe, KS 66062
12 Fox Run Drive, Ashtabula, OH 44004
6221 Rangeview Drive, Daytnn, OH 45415
6480 Quarry Lane, Dublin, OH 43537
1720-C Indian Wood Circle, Maumee, OH 43537
1200 East High Street, Suite 204, Pottstown, PA 19464
1524 Reidville Road, Suite 3, Spartanburg, SC 29301
1316 Central Court, Hermitage, TN 37076
5840 West Interstate 20, Suite 165, Arlington, TX 76017
1420 N.W. Gilman Blvd., Suite 2593, Issaquah, WA 98027
PLANT: Wichita Falls, TX *RO99* (roving, woven roving, mat, chopped strand & combination product)

TABLE 2:
APPAREL - MANUFACTURED FIBER, COTTON & WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS[a]	116.4	100.0	94.2	87.0	97.6	112.0	135.6	132.8	103.1	115.1	86.4	75.9	1256.1	1161.5
BOTTOMS[b]	77.4	79.5	69.0	56.9	67.0	78.8	87.4	73.3	57.3	63.3	54.2	51.2	815.3	810.2
SUITS & COATS[c]	24.5	15.1	11.7	13.9	25.1	36.9	44.9	46.5	33.2	31.3	23.0	17.2	323.3	300.2
SWEATERS[d]	8.7	6.8	6.0	8.1	14.2	21.8	28.1	29.6	23.5	27.2	14.6	5.2	193.8	270.1
OTHER APPAREL[e]	20.5	17.1	17.0	15.2	17.7	17.6	18.4	19.4	18.0	16.4	14.0	13.4	204.7	211.3
TOTAL IMPORTS	**247.5**	**218.5**	**197.9**	**181.1**	**221.6**	**267.1**	**314.4**	**301.6**	**235.1**	**253.3**	**192.2**	**162.9**	**2793.2**	**2753.3**
EXPORTS														
TOPS[a]	13.3	13.6	17.0	15.0	16.6	15.7	14.8	16.9	15.1	18.3	16.4	14.1	186.8	158.9
BOTTOMS[b]	8.4	10.2	12.3	10.8	11.2	13.0	9.3	10.7	12.3	14.0	14.8	11.0	138.0	114.5
SUITS & COATS[c]	2.6	3.0	3.5	3.4	3.3	3.6	3.9	4.1	4.0	4.1	4.6	4.1	44.2	34.5
SWEATERS[d]	0.3	1.2	0.4	0.7	0.7	1.4	0.6	0.5	0.6	0.6	0.3	0.4	7.7	5.5
OTHER APPAREL[e]	5.4	5.5	6.1	5.3	6.0	6.4	5.5	7.0	6.7	7.5	5.9	4.7	72.0	64.0
TOTAL EXPORTS	**30.0**	**33.5**	**39.3**	**35.2**	**37.8**	**40.1**	**34.1**	**39.2**	**38.7**	**44.5**	**42.0**	**34.3**	**448.7**	**377.4**
BALANCE														
TOPS[a]	(103.1)	(86.4)	(77.2)	(72.0)	(81.0)	(96.3)	(120.8)	(115.9)	(88.0)	(96.8)	(70.0)	(61.8)	(1069.3)	(1002.6)
BOTTOMS[b]	(69.0)	(69.3)	(56.7)	(46.1)	(55.8)	(65.8)	(78.1)	(62.6)	(45.1)	(49.3)	(39.4)	(40.2)	(677.4)	(695.7)
SUITS & COATS[c]	(21.9)	(12.1)	(8.2)	(10.5)	(21.8)	(33.3)	(41.0)	(42.4)	(29.2)	(27.2)	(18.4)	(13.1)	(279.1)	(265.7)
SWEATERS[d]	(8.4)	(5.6)	(5.6)	(7.4)	(13.5)	(20.4)	(27.5)	(29.1)	(22.9)	(26.6)	(14.3)	(4.8)	(186.1)	(264.6)
OTHER APPAREL[e]	(15.1)	(11.6)	(10.9)	(9.9)	(11.7)	(11.2)	(12.9)	(12.4)	(11.3)	(8.9)	(8.1)	(8.7)	(132.7)	(147.3)
TOTAL BALANCE	**(217.5)**	**(185.0)**	**(158.6)**	**(145.9)**	**(183.8)**	**(227.0)**	**(280.3)**	**(262.4)**	**(196.5)**	**(208.8)**	**(150.2)**	**(128.6)**	**(2344.6)**	**(2375.9)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340, 341, 638, 639, 640 & 641; Dresses 336 & 636; Underwear 349, 351, 352, 649, 651, 652 & 650; Infantswear & Playsuits 237, 239 & 439.

b. Skirts 342, 442 & 642; Trousers, Slacks & Shorts 347, 348, 447, 448, 647 & 648; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443, 444, 643 & 644; Suit-Type Coats 333, 443 & 633; Coats 334, 335, 353, 354, 434, 435, 634, 635, 653 & 654.

d. Sweaters 345, 445, 446, 645 & 646.

e. Handkerchiefs 330 & 630; Gloves & Mittens 331, 431 & 631; Hosiery 332, 432 & 632; Miscellaneous Apparel 359, 459 & 659.

TABLE 3:
APPAREL - MANUFACTURED FIBER, COTTON & WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1991												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1991	1990
IMPORTS														
TOPS[a]	114.9	100.2	89.1	83.4	90.5	108.3							586.4	607.2
BOTTOMS[b]	73.0	65.2	55.6	51.9	61.0	68.9							375.6	428.6
SUITS & COATS[c]	22.3	16.0	11.5	12.2	21.6	31.1							114.7	127.2
SWEATERS[d]	6.1	3.1	2.7	3.7	10.0	16.1							41.7	65.6
OTHER APPAREL[e]	18.9	19.3	17.5	15.5	17.2	17.3							105.7	105.1
TOTAL IMPORTS	**235.2**	**203.8**	**176.4**	**166.7**	**200.3**	**241.7**							**1224.1**	**1333.7**
EXPORTS														
TOPS[a]	13.3	15.6	18.2	18.6	8.8	11.7							86.2	91.2
BOTTOMS[b]	9.1	11.7	11.9	12.4	10.4	11.7							67.2	65.9
SUITS & COATS[c]	3.2	3.1	3.7	3.7	1.0	1.5							16.2	19.4
SWEATERS[d]	0.3	0.3	0.3	0.6	0	0							1.5	4.7
OTHER APPAREL[e]	4.3	4.5	5.2	5.4	1.7	0.8							21.9	34.7
TOTAL EXPORTS	**30.2**	**35.2**	**39.3**	**40.7**	**21.9**	**25.7**							**193.0**	**215.9**
BALANCE														
TOPS[a]	(101.6)	(84.6)	(70.9)	(64.8)	(81.7)	(96.6)							(500.2)	(516.0)
BOTTOMS[b]	(63.9)	(53.5)	(43.7)	(39.5)	(50.6)	(57.2)							(308.4)	(362.7)
SUITS & COATS[c]	(19.1)	(12.9)	(7.8)	(8.5)	(20.6)	(29.6)							(98.5)	(107.8)
SWEATERS[d]	(5.8)	(2.8)	(2.4)	(3.1)	(10.0)	(16.1)							(40.2)	(60.9)
OTHER APPAREL[e]	(14.6)	(14.8)	(12.3)	(10.1)	(15.5)	(16.5)							(83.8)	(70.4)
TOTAL BALANCE	**(205.0)**	**(168.6)**	**(137.1)**	**(126.0)**	**(178.4)**	**(216.0)**							**(1031.1)**	**(1117.8)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340, 341, 638, 639, 640 & 641; Dresses 336 & 636; Underwear 349, 351, 352, 649, 651, 652 & 650; Infantswear & Playsuits 237, 239 & 439.

b. Skirts 342, 442 & 642; Trousers, Slacks & Shorts 347, 348, 447, 448, 647 & 648; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443, 444, 643 & 644; Suit-Type Coats 333, 443 & 633; Coats 334, 335, 353, 354, 434, 435, 634, 635, 653 & 654.

d. Sweaters 345, 445, 446, 645 & 646.

e. Handkerchiefs 330 & 630; Gloves & Mittens 331, 431 & 631; Hosiery 332, 432 & 632; Miscellaneous Apparel 359, 459 & 659.

TABLE 4:
APPAREL - MANUFACTURED FIBER
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS[a]	47.4	39.8	38.2	34.5	41.3	47.5	57.9	56.8	45.0	48.3	34.8	30.2	521.7	501.7
BOTTOMS[b]	27.5	25.9	22.3	18.3	22.2	24.8	28.0	25.0	20.3	22.5	18.9	18.3	274.0	272.1
SUITS & COATS[c]	14.3	8.5	7.0	8.8	15.5	20.5	25.5	26.3	19.2	18.9	13.3	10.5	188.3	166.1
SWEATERS[d]	2.7	3.3	3.8	4.6	7.5	11.8	14.8	14.6	11.6	10.7	4.6	0.9	90.9	150.0
OTHER APPAREL[e]	7.9	6.9	6.5	6.4	8.4	8.1	8.9	10.2	9.2	7.3	5.4	5.5	90.7	94.2
TOTAL IMPORTS	**99.8**	**84.4**	**77.8**	**72.6**	**94.9**	**112.7**	**135.1**	**132.9**	**105.3**	**107.7**	**77.0**	**65.4**	**1165.6**	**1184.1**
EXPORTS														
TOPS[a]	5.4	5.7	7.2	6.1	7.2	7.1	6.1	7.2	6.1	7.4	6.5	5.2	77.2	73.6
BOTTOMS[b]	1.7	1.9	2.5	2.0	2.0	3.0	1.7	2.0	2.2	2.4	2.4	2.0	25.8	27.0
SUITS & COATS[c]	1.3	1.5	1.7	1.5	1.6	1.7	2.0	1.9	2.0	2.3	2.6	2.4	22.5	18.4
SWEATERS[d]	0.1	0.4	0.1	0.3	0.2	0.5	0.2	0.2	0.2	0.2	0.1	0.1	2.6	1.7
OTHER APPAREL[e]	2.6	2.7	3.1	2.6	2.9	3.0	3.1	3.6	3.4	3.9	2.9	1.9	35.7	31.9
TOTAL EXPORTS	**11.1**	**12.2**	**14.6**	**12.5**	**13.9**	**15.3**	**13.1**	**14.9**	**13.9**	**16.2**	**14.5**	**11.6**	**163.8**	**152.6**
BALANCE														
TOPS[a]	(42.0)	(34.1)	(31.0)	(28.4)	(34.1)	(40.4)	(51.8)	(49.6)	(38.9)	(40.9)	(28.3)	(25.0)	(444.5)	(428.1)
BOTTOMS[b]	(25.8)	(24.0)	(19.8)	(16.3)	(20.2)	(21.8)	(26.3)	(23.0)	(18.1)	(20.1)	(16.5)	(16.3)	(248.2)	(254.1)
SUITS & COATS[c]	(13.0)	(7.0)	(5.3)	(7.3)	(13.9)	(18.8)	(23.5)	(24.4)	(17.2)	(16.6)	(10.7)	(8.1)	(165.8)	(147.7)
SWEATERS[d]	(2.6)	(2.9)	(3.7)	(4.3)	(7.3)	(11.3)	(14.6)	(14.4)	(11.4)	(10.5)	(4.5)	(0.8)	(88.3)	(148.3)
OTHER APPAREL[e]	(5.3)	(4.2)	(3.4)	(3.8)	(5.5)	(5.1)	(5.8)	(6.6)	(5.8)	(3.4)	(2.5)	(3.6)	(55.0)	(62.3)
TOTAL BALANCE	**(88.7)**	**(72.2)**	**(63.2)**	**(60.1)**	**(81.0)**	**(97.4)**	**(122.0)**	**(118.0)**	**(91.4)**	**(91.5)**	**(62.5)**	**(53.8)**	**(1001.8)**	**(1031.5)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 638, 639, 640 & 641; Dresses 636; Underwear 649, 651, 652 & 650; Infants wear & Playsuits 237 & 239.

b. Skirts 642; Trousers, Slacks & Shorts 647 & 648.

c. Suits 643 & 644; Suit-Type Coats 633; Coats 634, 635, 653 & 654.

d. Sweaters 645 & 646.

e. Handkerchiefs 630; Gloves & Mittens 631; Hosiery 632; Miscellaneous Apparel 659.

TABLE 5:
APPAREL - MANUFACTURED FIBER
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1991												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1991	1990
IMPORTS														
TOPS[a]	44.7	39.7	34.9	33.4	37.6	42.7							233.0	248.7
BOTTOMS[b]	27.8	23.7	19.6	17.8	20.3	22.3							131.5	141.0
SUITS & COATS[c]	13.3	9.5	7.3	8.0	13.6	18.9							70.6	74.6
SWEATERS[d]	1.4	0.8	0.9	1.7	4.6	7.4							16.8	33.7
OTHER APPAREL[e]	7.0	7.5	7.3	6.3	7.4	7.1							42.6	44.2
TOTAL IMPORTS	**94.2**	**81.2**	**70.1**	**67.2**	**83.5**	**98.4**							**494.5**	**542.2**
EXPORTS														
TOPS[a]	5.4	5.8	6.9	7.3	2.8	4.6							32.8	38.7
BOTTOMS[b]	1.5	1.9	2.1	2.2	0.3	0.4							8.4	13.1
SUITS & COATS[c]	1.6	1.6	1.9	1.9	0.2	0.3							7.5	9.3
SWEATERS[d]	0.1	0.1	0.1	0.3	+	+							0.6	1.6
OTHER APPAREL[e]	2.1	2.3	2.5	2.5	0.6	0.6							10.6	16.9
TOTAL EXPORTS	**10.7**	**11.7**	**13.5**	**14.2**	**3.9**	**5.9**							**59.9**	**79.6**
BALANCE														
TOPS[a]	(39.3)	(33.9)	(28.0)	(26.1)	(34.8)	(38.1)							(200.2)	(210.0)
BOTTOMS[b]	(26.3)	(21.8)	(17.5)	(15.6)	(20.0)	(21.9)							(123.1)	(127.9)
SUITS & COATS[c]	(11.7)	(7.9)	(5.4)	(6.1)	(13.4)	(18.6)							(63.1)	(65.3)
SWEATERS[d]	(1.3)	(0.7)	(0.8)	(1.4)	(4.6)	(7.4)							(16.2)	(32.1)
OTHER APPAREL[e]	(4.9)	(5.2)	(4.8)	(3.8)	(6.8)	(6.5)							(32.0)	(27.3)
TOTAL BALANCE	**(83.5)**	**(69.5)**	**(56.5)**	**(53.0)**	**(79.6)**	**(92.5)**							**(434.6)**	**(462.6)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 638, 639, 640 & 641; Dresses 636; Underwear 649, 651, 652 & 650; Infantswear & Playsuits 237 & 239.

b. Skirts 642; Trousers, Slacks & Shorts 647 & 648.

c. Suits 643 & 644; Suit-Type Coats 633; Coats 634, 635, 653 & 654.

d. Sweaters 645 & 646.

e. Handkerchiefs 630; Gloves & Mittens 631; Hosiery 632; Miscellaneous Apparel 659.

TABLE 6:
APPAREL - COTTON
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS[a]	66.4	58.2	54.0	50.5	53.5	60.9	73.1	71.3	54.5	63.0	49.3	43.8	698.5	628.1
BOTTOMS[b]	48.7	52.7	46.0	37.7	43.1	51.8	55.8	44.8	34.4	38.7	34.2	32.1	520.0	515.7
SUITS & COATS[c]	9.1	5.8	3.8	4.2	8.3	13.8	15.3	16.2	10.4	9.5	8.2	5.6	110.2	108.1
SWEATERS[d]	4.9	2.7	1.4	2.3	4.4	6.4	7.9	8.5	7.0	11.4	8.0	3.7	68.6	71.8
OTHER APPAREL[e]	12.4	10.0	10.3	8.6	8.9	9.0	8.8	8.5	8.2	8.6	8.3	7.7	109.3	110.8
TOTAL IMPORTS	**141.5**	**129.4**	**115.5**	**103.3**	**118.2**	**141.9**	**160.9**	**149.3**	**114.5**	**131.2**	**108.0**	**92.9**	**1506.6**	**1434.5**
EXPORTS														
TOPS[a]	7.7	7.8	9.7	8.8	9.3	8.5	8.7	9.6	8.9	10.8	9.9	8.9	108.6	85.0
BOTTOMS[b]	6.4	8.0	9.4	8.4	8.4	9.4	6.8	8.1	9.3	11.0	12.0	8.6	105.8	82.5
SUITS & COATS[c]	0.8	0.8	1.1	0.9	1.0	1.0	1.2	1.3	1.3	1.2	1.5	1.2	13.3	9.6
SWEATERS[d]	0.1	0.4	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.1	0.2	2.6	2.0
OTHER APPAREL[e]	2.7	2.6	2.8	2.6	2.9	3.2	2.2	3.1	3.0	3.3	2.8	2.7	33.9	30.2
TOTAL EXPORTS	**17.7**	**19.6**	**23.2**	**20.9**	**21.8**	**22.5**	**19.1**	**22.3**	**22.7**	**26.5**	**26.3**	**21.6**	**264.2**	**209.3**
BALANCE														
TOPS[a]	(58.7)	(50.4)	(44.3)	(41.7)	(44.2)	(52.4)	(64.4)	(61.7)	(45.6)	(52.2)	(39.4)	(34.9)	(589.9)	(543.1)
BOTTOMS[b]	(42.3)	(44.7)	(36.6)	(29.3)	(34.7)	(42.4)	(49.0)	(36.7)	(25.2)	(27.7)	(22.2)	(23.5)	(414.3)	(433.2)
SUITS & COATS[c]	(8.3)	(5.0)	(2.7)	(3.3)	(7.3)	(12.8)	(14.1)	(14.9)	(9.1)	(8.3)	(6.7)	(4.4)	(96.9)	(98.5)
SWEATERS[d]	(4.8)	(2.3)	(1.2)	(2.1)	(4.2)	(6.0)	(7.7)	(8.3)	(6.8)	(11.2)	(7.9)	(3.5)	(66.0)	(69.8)
OTHER APPAREL[e]	(9.7)	(7.4)	(7.5)	(6.0)	(6.0)	(5.8)	(6.6)	(5.4)	(5.2)	(5.3)	(5.5)	(5.0)	(75.4)	(80.5)
TOTAL BALANCE	**(123.8)**	**(109.8)**	**(92.3)**	**(82.4)**	**(96.4)**	**(119.4)**	**(141.8)**	**(127.0)**	**(91.9)**	**(104.7)**	**(81.7)**	**(71.3)**	**(1242.5)**	**(1225.2)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340 & 341; Dresses 336; Underwear 349, 351 & 352.

b. Skirts 342; Trousers, Slacks & Shorts 347 & 348.

c. Suit-Type Coats 333; Coats 334, 335, 353 & 354.

d. Sweaters 345.

e. Handkerchiefs 330; Gloves & Mittens 331; Hosiery 332; Miscellaneous Apparel 359.

TABLE 7:
APPAREL - COTTON
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1991												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1991	1990
IMPORTS														
TOPS[a]	67.4	58.1	52.3	47.9	52.3	62.4							340.4	343.5
BOTTOMS[b]	43.9	40.4	35.1	33.3	39.4	44.5							236.6	280.0
SUITS & COATS[c]	7.9	5.5	3.2	3.3	6.4	9.4							35.7	45.0
SWEATERS[d]	4.1	2.1	1.5	1.5	4.0	6.4							19.6	22.1
OTHER APPAREL[e]	11.7	11.5	10.0	9.0	9.5	9.8							61.5	59.2
TOTAL IMPORTS	**135.0**	**117.6**	**102.1**	**95.0**	**111.6**	**132.5**							**693.8**	**749.8**
EXPORTS														
TOPS[a]	7.9	9.7	11.2	11.2	6.0	7.1							53.1	51.8
BOTTOMS[b]	7.3	9.5	9.4	9.7	10.1	11.3							57.3	50.0
SUITS & COATS[c]	1.2	1.0	1.2	1.0	0.4	0.5							5.3	5.6
SWEATERS[d]	0.1	0.1	0.1	0.1	+	+							0.4	1.5
OTHER APPAREL[e]	2.0	2.0	2.5	2.7	1.0	0.1							10.3	16.8
TOTAL EXPORTS	**18.5**	**22.3**	**24.4**	**24.7**	**17.5**	**19.0**							**126.4**	**125.7**
BALANCE														
TOPS[a]	(59.5)	(48.4)	(41.1)	(36.7)	(46.3)	(55.3)							(287.3)	(291.7)
BOTTOMS[b]	(36.6)	(30.9)	(25.7)	(23.6)	(29.3)	(33.2)							(179.3)	(230.0)
SUITS & COATS[c]	(6.7)	(4.5)	(2.0)	(2.3)	(6.0)	(8.9)							(30.4)	(39.4)
SWEATERS[d]	(4.0)	(2.0)	(1.4)	(1.4)	(4.0)	(6.4)							(19.2)	(20.6)
OTHER APPAREL[e]	(9.7)	(9.5)	(7.5)	(6.3)	(8.5)	(9.7)							(51.2)	(42.4)
TOTAL BALANCE	**(116.5)**	**(95.3)**	**(77.7)**	**(70.3)**	**(94.1)**	**(113.5)**							**(567.4)**	**(624.1)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture. *Cotton and Wool Outlook & Situation.*

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340 & 341; Dresses 336; Underwear 349, 351 & 352.

b. Skirts 342; Trousers, Slacks & Shorts 347 & 348.

c. Suit-Type Coats 333; Coats 334, 335, 353 & 354.

d. Sweaters 345.

e. Handkerchiefs 330; Gloves & Mittens 331; Hosiery 332; Miscellaneous Apparel 359.

TABLE 8:
APPAREL - WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS[a]	2.6	2.0	2.0	2.0	2.8	3.6	4.6	4.7	3.6	3.8	2.3	1.9	35.9	31.7
BOTTOMS[b]	1.2	0.9	0.7	0.9	1.7	2.2	3.6	3.5	2.6	2.1	1.1	0.8	21.3	22.4
SUITS & COATS[c]	1.1	0.8	0.9	0.9	1.3	2.6	4.1	4.0	3.6	2.9	1.5	1.1	24.8	26.0
SWEATERS[d]	1.1	0.8	0.8	1.2	2.3	3.6	5.4	6.5	4.9	5.1	2.0	0.6	34.3	48.3
OTHER APPAREL[e]	0.2	0.2	0.2	0.2	0.4	0.5	0.7	0.7	0.6	0.5	0.3	0.2	4.7	6.3
TOTAL IMPORTS	**6.2**	**4.7**	**4.6**	**5.2**	**8.5**	**12.5**	**18.4**	**19.4**	**15.3**	**14.4**	**7.2**	**4.6**	**121.0**	**134.7**
EXPORTS														
TOPS[a]	0.2	0.1	0.1	0.1	0.1	0.1	+	0.1	0.1	0.1	+	+	1.0	0.3
BOTTOMS[b]	0.3	0.3	0.4	0.4	0.8	0.6	0.8	0.6	0.8	0.6	0.4	0.4	6.4	5.0
SUITS & COATS[c]	0.5	0.7	0.7	1.0	0.7	0.9	0.7	0.9	0.7	0.6	0.5	0.5	8.4	6.5
SWEATERS[d]	0.1	0.4	0.1	0.2	0.3	0.5	0.2	0.1	0.2	0.2	0.1	0.1	2.5	1.8
OTHER APPAREL[e]	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1	2.4	1.9
TOTAL EXPORTS	**1.2**	**1.7**	**1.5**	**1.8**	**2.1**	**2.3**	**1.9**	**2.0**	**2.1**	**1.8**	**1.2**	**1.1**	**20.7**	**15.5**
BALANCE														
TOPS[a]	(2.4)	(1.9)	(1.9)	(1.9)	(2.7)	(3.5)	(4.6)	(4.6)	(3.5)	(3.7)	(2.3)	(1.9)	(34.9)	(31.4)
BOTTOMS[b]	(0.9)	(0.6)	(0.3)	(0.5)	(0.9)	(1.6)	(2.8)	(2.9)	(1.8)	(1.5)	(0.7)	(0.4)	(14.9)	(17.4)
SUITS & COATS[c]	(0.6)	(0.1)	(0.2)	0.1	(0.6)	(1.7)	(3.4)	(3.1)	(2.9)	(2.3)	(1.0)	(0.6)	(16.4)	(19.5)
SWEATERS[d]	(1.0)	(0.4)	(0.7)	(1.0)	(2.0)	(3.1)	(5.2)	(6.4)	(4.7)	(4.9)	(1.9)	(0.5)	(31.8)	(46.5)
OTHER APPAREL[e]	(0.1)	0	0	(0.1)	(0.2)	(0.3)	(0.5)	(0.4)	(0.3)	(0.2)	(0.1)	(0.1)	(2.3)	(4.4)
TOTAL BALANCE	**(5.0)**	**(3.0)**	**(3.1)**	**(3.4)**	**(6.4)**	**(10.2)**	**(16.5)**	**(17.4)**	**(13.2)**	**(12.6)**	**(6.0)**	**(3.5)**	**(100.3)**	**(119.2)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Infantswear & Playsuits 439.

b. Skirts 442; Trousers, Slacks & Shorts 447 & 448; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443 & 444; Suit-Type Coats 433; Coats 434 & 435.

d. Sweaters 445 & 446.

e. Gloves & Mittens 431; Hosiery 432; Miscellaneous Apparel 459.

TABLE 9:
APPAREL - WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1991												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1991	1990
IMPORTS														
TOPS[a]	2.8	2.4	1.9	2.1	0.6	3.2							13.0	15.0
BOTTOMS[b]	1.3	1.1	0.9	0.8	1.3	2.1							7.5	7.6
SUITS & COATS[c]	1.1	1.0	1.0	0.9	1.6	2.8							8.4	7.6
SWEATERS[d]	0.6	0.2	0.3	0.5	1.4	2.3							5.3	9.8
OTHER APPAREL[e]	0.2	0.3	0.2	0.2	0.3	0.4							1.6	1.7
TOTAL IMPORTS	**6.0**	**5.0**	**4.3**	**4.5**	**5.2**	**10.8**							**35.8**	**41.7**
EXPORTS														
TOPS[a]	+	0.1	0.1	0.1	+	+							0.3	0.7
BOTTOMS[b]	0.3	0.3	0.4	0.5	+	+							1.5	2.8
SUITS & COATS[c]	0.4	0.5	0.6	0.8	0.4	0.7							3.4	4.5
SWEATERS[d]	0.1	0.1	0.1	0.2	0	0							0.5	1.6
OTHER APPAREL[e]	0.2	0.2	0.2	0.2	0.1	0.1							1.0	1.0
TOTAL EXPORTS	**1.0**	**1.2**	**1.4**	**1.8**	**0.5**	**0.8**							**6.7**	**10.6**
BALANCE														
TOPS[a]	(2.8)	(2.3)	(1.8)	(2.0)	(0.6)	(3.2)							(12.7)	(14.3)
BOTTOMS[b]	(1.0)	(0.8)	(0.5)	(0.3)	(1.3)	(2.1)							(6.0)	(4.8)
SUITS & COATS[c]	(0.7)	(0.5)	(0.4)	(0.1)	(1.2)	(2.1)							(5.0)	(3.1)
SWEATERS[d]	(0.5)	(0.1)	(0.2)	(0.3)	(1.4)	(2.3)							(4.8)	(8.2)
OTHER APPAREL[e]	0	(0.1)	0	0	(0.2)	(0.3)							(0.6)	(0.7)
TOTAL BALANCE	**(5.0)**	**(3.8)**	**(2.9)**	**(2.7)**	**(4.7)**	**(10.0)**							**(29.1)**	**(31.1)**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

( ) Trade deficit.

Includes Department of Commerce, OTEXA Categories:

a. Infantswear & Playsuits 439.

b. Skirts 442; Trousers, Slacks & Shorts 447 & 448; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443 & 444; Suit-Type Coats 433; Coats 434 & 435.

d. Sweaters 445 & 446.

e. Gloves & Mittens 431; Hosiery 432; Miscellaneous Apparel 459.

TABLE 10:
LOCATION OF AMERICAN FIBER PRODUCT-MANUFACTURING PLANTS

STATES & AREA	ARTIFICIAL (CELLULOSIC) [a]	SYNTHETIC (NONCELLULOSIC)						GLASS FIBER	GRAND TOTAL
		ACRYLIC [b]	NYLON [c]	OLEFIN	POLYESTER	OTHER [d]	TOTAL		
NEW ENGLAND									
CONNECTICUT				1			1		1
MAINE				1	1		2		2
MASSACHUSETTS				4	1	1	6		6
NEW HAMPSHIRE				1	1		2		2
RHODE ISLAND				2			2		2
VERMONT			1		1		2		2
TOTAL NEW ENGLAND			1	9	4	1	15		15
MID-ATLANTIC									
DELAWARE			1				1		1
MARYLAND			1	1	1	2	5		5
NEW JERSEY				1	1		2		2
NEW YORK			1	2	1	1	5	1	6
PENNSYLVANIA					1		1	1	2
TOTAL MID-ATLANTIC			3	4	4	3	14	2	16
PIEDMONT									
N. CAROLINA			3	12	9	2	26	2	28
S. CAROLINA	1		10	10	10	3	33	3	37
VIRGINIA	1	1	6	6	3	2	18		19
WEST VIRGINIA			1		2		3		3
TOTAL PIEDMONT	2	1	20	28	24	7	80	5	87
SOUTH									
ALABAMA	1	1	3	5	1		10		11
FLORIDA		1	2	2			5	1	6
GEORGIA			2	28	2		32		32
LOUISIANA				2			2		2
MISSISSIPPI				2			2		2
TENNESSEE	3		2	4	4		10	2	15
TEXAS								3	3
TOTAL SOUTH	4	2	9	43	7		61	6	71
MIDWEST & WEST									
CALIFORNIA				2			2		2
IOWA			1	1			2		2
KANSAS				1			1		1
MICHIGAN				1			1		1
MINNESOTA				1			1		1
OHIO				1			1	3	4
OREGON				1			1		1
UTAH				2			2		2
WASHINGTON				1			1		1
WISCONSIN				1			1		1
TOTAL MIDWEST & WEST			1	12			13	3	16
TOTAL NUMBER OF PLANTS	6	3	34	96	39	11	183	16	205
TOTAL NUMBER OF STATES	4	3	13	27	15	6	31	9	32

a. Artificial (Cellulosic) includes rayon, acetate and triacetate.
b. Acrylic includes modacrylic.
c. Nylon includes 1 aramid.
d. Other includes 1 fluorocarbon, 1 PBI, 2 PEEK, 1 polycarbonate, 2 PPS, 3 spandex and 1 sulfar.

TABLE 11:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	123	0	38	114	80	117	151	74	69				766	539
BELGIUM	3	21	4	41	6	9	19	111	281				495	20
BRAZIL	109	164	28	109	27	27	23	28	18				533	718
CANADA	775	408	877	1147	905	740	633	730	1165				7380	3868
CHILE	44	22	44	0	44	66	110	88	110				528	993
WEST GERMANY	478	633	531	493	686	421	448	810	809				5309	5884
JAPAN	111	134	114	119	142	108	177	82	287				1274	934
MEXICO	150	39	118	41	79	64	136	205	109				941	878
NETHERLANDS	263	188	279	218	129	277	191	196	110				1851	2764
UNITED KINGDOM	86	0	0	35	109	38	183	262	230				943	351
ALL OTHER COUNTRIES [a]	15	35	29	2	0	26	8	26	2				143	968
TOTAL ARTIFICIAL YARN	**2157**	**1644**	**2062**	**2319**	**2207**	**1893**	**2079**	**2612**	**3190**				**20163**	**17917**
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	1339	1371	1214	396	1672	1470	1377	2002	2981				13822	11138
CANADA	3228	2840	3042	1843	1824	3870	3587	4086	3382				27702	37104
CHINA, PRC	321	0	251	211	760	0	0	149	0				1692	351
FINLAND	309	197	371	143	167	459	491	391	379				2907	3695
WEST GERMANY	515	46	0	0	0	0	262	81	0				904	3342
JAPAN	84	227	95	95	95	109	62	79	40				886	1422
TAIWAN	1336	1268	1186	1721	1148	1773	813	176	416				9837	11110
THAILAND	763	1317	232	296	513	231	220	0	0				3572	1746
UNITED KINGDOM	815	438	473	128	70	21	332	128	236				2641	3439
YUGOSLAVIA	584	29	2559	636	81	239	729	84	39				4980	919
ALL OTHER COUNTRIES [b]	223	206	0	122	119	81	590	120	108				1569	3871
TOTAL ARTIFICIAL STAPLE+TOW	**9517**	**7939**	**9423**	**5591**	**6449**	**8253**	**8463**	**7296**	**7581**				**70512**	**78137**
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
BELGIUM	239	40	100	143	33	57	33	19	0				664	5569
BRAZIL	0	0	0	48	0	35	0	0	0				83	647
CANADA	2668	3903	3431	4073	5854	4970	5217	5412	4778				40306	36788
COSTA RICA	725	454	473	544	669	469	512	665	577				5088	4673
ECUADOR	0	34	34	15	0	0	0	0	0				83	448
FRANCE	627	705	668	841	962	1212	450	900	510				6875	9883
WEST GERMANY	1556	1449	1843	1576	1857	2178	2093	2337	1589				16478	17119
IRELAND	147	215	119	34	193	285	129	239	266				1627	309
ISRAEL	50	179	110	74	146	136	223	176	294				1388	0
ITALY	106	109	29	38	75	73	116	107	47				700	5283
JAPAN	853	903	1401	1266	1190	894	1522	1605	932				10566	4905
KOREA, REP. OF	117	59	149	5	146	45	119	139	66				845	421
MEXICO	1414	1663	1343	1620	1438	1066	1028	996	1384				11952	14048
NETHERLANDS	223	258	329	284	305	416	359	367	287				2828	2493
TAIWAN	89	91	45	132	184	184	122	132	166				1145	4782
THAILAND	61	67	65	95	129	63	81	66	74				701	735
UNITED KINGDOM	1740	1370	2596	1637	1678	1695	2578	2287	2275				17856	12962
ALL OTHER COUNTRIES [c]	75	82	58	222	104	501	630	462	404				2538	1742
TOTAL SYNTHETIC YARN	**10690**	**11581**	**12793**	**12647**	**14963**	**14279**	**15212**	**15909**	**13649**				**121723**	**122807**
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	15	25	0	12	1	3	0	1	12				69	345
AUSTRALIA	75	143	0	81	60	8	47	0	45				459	745
BRAZIL	0	110	199	87	86	0	123	52	0				657	2316
CANADA	1378	1146	968	1942	2184	2466	2427	1699	2993				17203	21283
FRANCE	544	417	282	421	382	323	471	417	435				3692	4172
WEST GERMANY	1136	1400	1732	1931	1558	1881	1902	2022	1794				15356	10449
INDIA	3008	3879	264	0	1186	646	152	144	333				9612	13690
IRELAND	0	0	0	0	357	328	660	208	366				1919	429
ITALY	176	47	80	53	203	11	48	175	28				821	2115
JAPAN	2386	2197	2080	1840	2110	2337	2270	2143	2080				19443	16866
KOREA, REP. OF	4958	6473	6864	5486	7279	6700	6126	6620	3456				53962	29883
MALAYSIA	0	95	0	48	48	44	44	44	0				323	184
MEXICO	1957	1575	1576	2743	2130	1364	2809	2304	971				17429	18248
SPAIN	14	22	0	20	29	7	154	82	37				365	258
SWITZERLAND	117	285	152	127	183	363	364	370	372				2333	1883
TAIWAN	3102	1918	1891	3664	3181	2923	2864	4005	3625				27173	10757
TURKEY	0	0	2	111	0	151	65	37	0				366	668
UNITED KINGDOM	1848	1395	963	1630	1359	1064	1017	1406	956				11638	16006
ALL OTHER COUNTRIES [d]	137	87	29	170	77	213	580	394	140				1827	2115
TOTAL SYNTHETIC STAPLE+TOW	**20851**	**21214**	**17082**	**20366**	**22413**	**20832**	**22123**	**22123**	**17643**				**184647**	**152412**

a. India 103, France 15, Italy 14, Spain 7, Taiwan 4.

b. Sweden 765, Poland 220, Turkey 219, Romania 167, Belgium 45, Spain 44, Syria 44, Netherlands 38, USSR 18, Brazil 3, France 3, Italy 3.

c. Turkey 1299, Australia 186, Czechoslovakia 167, Portugal 160, Sweden 116, Austria 115, Switzerland 91, Peru 83, Singapore 69, Venezuela 60, Honduras 39, Colombia 38, Hong Kong 31, El Salvador 25, China, PRC 23, Morocco 17, Denmark 6, Greece 5, Argentina 3, Finland 2, Spain 2, India 1.

d. Denmark 1006, Israel 422, Netherlands 95, Romania 85, Hungary 63, Thailand 49, Hong Kong 44, Czechoslovakia 34, Belgium 16, China, PRC 5, Colombia 4, Ecuador 3, USSR 1.

TABLE 12:
U.S. MANUFACTURED FIBER IMPORTS[a]
THOUSAND POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	311	129	212	316	231	83	77	311	298				1968	1908
TEXTURED	0	0	0	0	0	0	5	0	0				5	355
OTHER	1845	1514	1847	1999	1975	1809	1996	2300	2888				18173	15087
MONOFILAMENTS & STRIPS	1	1	3	4	1	1	1	1	4				17	567
SUBTOTAL ABOVE	**2157**	**1644**	**2062**	**2319**	**2207**	**1893**	**2079**	**2612**	**3190**				**20163**	**17917**
STAPLE	8891	7889	9419	5533	6391	8250	8359	7269	7549				69550	74619
TOW	626	50	4	58	58	3	104	27	32				962	3512
TOPS	0	0	0	0	0	0	0	0	0				0	6
SUBTOTAL ABOVE	**9517**	**7939**	**9423**	**5591**	**6449**	**8253**	**8463**	**7296**	**7581**				**70512**	**78137**
WASTE	**87**	**129**	**0**	**695**	**177**	**275**	**321**	**89**	**128**				**1901**	**339**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	1173	2391	1704	2541	1923	1751	1450	1330	940				15203	11064
TEXTURED														
UP TO 450 DENIER	198	350	232	285	478	302	535	336	377				3093	2829
OVER 450 DENIER	1197	1786	1557	1069	3421	3870	3037	3336	2638				21911	25333
POY	2103	1563	3032	1981	2240	2740	2969	2577	2270				21475	5278
OTHER	834	780	821	1828	1718	1726	2312	2544	2460				15023	21417
MONOFILAMENTS & STRIPS	150	72	131	131	139	51	172	111	117				1074	1300
SUBTOTAL ABOVE	**5655**	**6942**	**7477**	**7835**	**9919**	**10440**	**10475**	**10234**	**8802**				**77779**	**67221**
POLYESTER														
HIGH TENACITY	785	708	651	621	671	339	340	598	562				5276	4588
TEXTURED	833	810	561	622	642	455	383	476	684				5466	8337
POY	207	172	201	246	406	300	238	240	334				2344	3853
OTHER	1548	1439	2102	1371	1486	1064	1490	1943	1634				14077	14331
MONOFILAMENTS & STRIPS	41	31	30	68	31	73	141	58	52				525	486
SUBTOTAL ABOVE	**3414**	**3160**	**3545**	**2928**	**3236**	**2231**	**2592**	**3315**	**3267**				**27688**	**31595**
OTHER SYNTHETIC FILAMENT														
TEXTURED	248	105	164	174	107	103	194	132	84				1311	16596
OTHER	841	804	1233	1149	1260	870	1261	1372	859				9649	2609
MONOFILAMENTS & STRIPS	532	570	374	561	441	635	690	856	637				5296	5086
SUBTOTAL ABOVE	**1621**	**1479**	**1771**	**1884**	**1808**	**1608**	**2145**	**2360**	**1580**				**16256**	**24291**
STAPLE														
NYLON	1879	1788	1576	2330	2039	2057	2881	2247	2973				19770	28202
POLYESTER	14049	15468	11687	12879	15989	14655	14125	14868	10860				124580	84547
ACRYLIC	853	804	971	1640	1303	1403	1364	1098	1438				10874	12885
POLYPROPYLENE	134	305	363	271	156	464	1093	782	93				3661	1308
OTHER	276	229	400	211	308	204	248	285	302				2463	2198
TOW														
NYLON	591	386	240	543	533	325	564	567	545				4294	4063
POLYESTER	35	272	35	150	46	132	10	107	35				822	778
ACRYLIC	2869	1898	1768	2227	1957	1438	1649	2058	1108				16972	16211
OTHER	16	59	0	0	10	0	0	45	0				130	423
TOPS	149	5	42	115	72	154	189	66	289				1081	1797
SUBTOTAL ABOVE	**20851**	**21214**	**17082**	**20366**	**22413**	**20832**	**22123**	**22123**	**17643**				**184647**	**152412**
WASTE														
NYLON	2030	1483	1648	1319	1611	1555	1931	2153	1788				15518	16650
POLYESTER	2217	1032	774	765	886	1091	905	1185	1164				10019	18323
OTHER	309	381	625	751	499	499	632	565	716				4977	6463
TOTAL MANUFACTURED FIBERS ABOVE	**47858**	**45403**	**44407**	**44453**	**49205**	**48677**	**51666**	**51932**	**45859**				**429460**	**413348**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	49	163	98	125	189	90	185	93	119				1111	804
SPUN YARN	579	341	416	648	575	525	800	635	824				5343	4406
SPUN YARNS														
SYNTHETIC	431	843	746	610	636	663	581	487	539				5536	19423
ARTIFICIAL	0	0	0	0	0	0	0	0	0				0	0
PUT UP FOR RETAIL SALE	67	66	58	60	91	66	28	56	35				527	142
GRAND TOTAL ABOVE	**48984**	**46816**	**45725**	**45896**	**50696**	**50021**	**53260**	**53203**	**47376**				**441977**	**438123**

SOURCE: U.S. Census Bureau Report IM145X

a. U.S. General Imports.

TABLE 13:
U.S. MANUFACTURED FIBER EXPORTS
THOUSAND POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	134	284	263	22	74	82	115	207	100				1281	853
TEXTURED	65	44	41	198	31	159	79	208	89				914	960
OTHER	211	69	132	193	41	257	67	87	15				1072	533
MONOFILAMENTS & STRIPS	2	8	42	12	6	9	24	65	18				186	197
SUBTOTAL ABOVE	**412**	**405**	**478**	**425**	**152**	**507**	**285**	**567**	**222**				**3453**	**2543**
STAPLE	970	779	549	710	1403	2701	1571	1221	1159				11063	12775
TOPS	0	15	3	0	53	103	159	0	116				449	1162
SUBTOTAL ABOVE	**970**	**794**	**552**	**710**	**1456**	**2804**	**1730**	**1221**	**1275**				**11512**	**13937**
WASTE	**527**	**666**	**2006**	**425**	**500**	**508**	**360**	**834**	**363**				**6189**	**4561**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	8070	7887	9547	9139	8564	5075	6075	4386	4333				63076	90394
TEXTURED														
UP TO 450 DENIER	1068	886	1636	1558	1172	1106	770	1121	829				10146	8668
OVER 450 DENIER	4023	4917	3298	3021	2921	3681	4369	3046	4370				33646	37807
POY	61	102	38	66	17	21	6	16	30				357	0
OTHER	3060	2769	3549	3394	3367	4106	2555	2955	3644				29399	20901
MONOFILAMENTS & STRIPS	34	57	6	56	31	34	14	39	35				306	298
SUBTOTAL ABOVE	**16316**	**16618**	**18074**	**17234**	**16072**	**14023**	**13789**	**11563**	**13241**				**136930**	**158068**
POLYESTER														
HIGH TENACITY	5640	5735	5488	5274	6132	7976	5217	3770	3367				48599	39181
TEXTURED	5014	4345	7042	5020	6176	5011	4888	4724	4970				47190	31116
POY	657	685	2216	2078	1814	898	747	405	1011				10511	13646
OTHER	2391	1711	2362	2654	2594	1376	2530	3098	3737				22453	15466
MONOFILAMENTS & STRIPS	138	80	235	349	430	363	85	386	196				2262	1461
SUBTOTAL ABOVE	**13840**	**12556**	**17343**	**15375**	**17146**	**15624**	**13467**	**12383**	**13281**				**131015**	**100870**
OTHER SYNTHETIC FILAMENT														
TEXTURED	603	627	620	473	637	420	398	670	578				5026	5154
OTHER	2963	1623	2068	2461	2088	1693	2320	1308	1063				17587	20308
MONOFILAMENTS & STRIPS	1050	859	1470	1062	1138	1092	1251	1612	1371				10905	9758
SUBTOTAL ABOVE	**4616**	**3109**	**4158**	**3996**	**3863**	**3205**	**3969**	**3590**	**3012**				**33518**	**35220**
STAPLE														
NYLON	2146	2453	1337	1768	2288	2925	1806	2547	3324				20594	21116
POLYESTER	6379	8388	10134	9404	10384	9044	7979	10004	11139				82855	62177
ACRYLIC	2431	1826	2976	2459	2082	3630	2592	1149	1616				20761	42156
POLYPROPYLENE	3302	1817	1957	3106	2742	2253	2680	3715	2708				24280	21392
OTHER	1489	1074	1811	1089	1383	682	1166	709	781				10184	12196
TOW														
NYLON	253	150	187	122	96	141	102	159	161				1371	1512
POLYESTER	58	1	32	79	47	60	14	76	23				390	651
ACRYLIC	1511	1278	855	339	328	796	439	487	514				6547	17773
OTHER	14	1	402	7	3	0	0	16	28				471	1508
TOPS	11009	5452	6387	4995	10029	2354	7337	7718	5749				61030	40735
SUBTOTAL ABOVE	**28592**	**22440**	**26078**	**23368**	**29382**	**21885**	**24115**	**26580**	**26043**				**228483**	**221216**
WASTE														
NYLON	2788	2965	3563	2700	1549	3207	2195	2134	2078				23179	31433
POLYESTER	2989	5530	5263	2796	2684	1716	3340	2878	4935				32131	22858
OTHER	6305	6811	7387	7147	6759	8674	4910	6273	5599				59865	46283
TOTAL MANUFACTURED FIBERS ABOVE	**77355**	**71894**	**84902**	**74176**	**79563**	**72153**	**68160**	**68023**	**70049**				**666275**	**636989**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	827	890	850	1560	761	905	845	1371	977				8986	400
SPUN YARN	159	277	174	178	275	156	272	1781	237				3509	0
SPUN YARNS														
SYNTHETIC	891	1256	1434	1865	1403	1521	1641	1266	1264				12541	37637
ARTIFICIAL	123	145	216	264	285	466	347	517	512				2877	0
PUT UP FOR RETAIL SALE	1488	1488	2601	2873	2730	3077	2946	4189	4482				25874	6682
GRAND TOTAL ABOVE	**80843**	**75950**	**90177**	**80916**	**85017**	**78280**	**74211**	**77147**	**77521**				**720062**	**681708**

SOURCE: U.S. Census Bureau Report EM522

TABLE 14:
QUARTERLY MANUFACTURED FIBER DATA

MILLION POUNDS

ITEM	1989 1ST Q	1989 2ND Q	1989 3RD Q	1989 4TH Q	1989 YEAR	1990 1ST Q	1990 2ND Q	1990 3RD Q	1990 4TH Q	1990 YEAR	1991 1ST Q	1991 2ND Q	1991 3RD Q	1991 4TH Q	1991 YEAR
						YARN+MONOFILAMENTS									
ARTIFICIAL (CELLULOSIC) YARN [d]															
PRODUCTION	**52.7**	**55.8**	**56.7**	**52.3**	**217.5**	**45.8**	**52.3**	**53.6**	**53.5**	**206.2**	**46.0**	**55.4**	**54.5**		
SHIPMENTS - DOMESTIC	46.0	50.3	45.6	45.4	187.3	40.1	43.3	45.3	44.0	172.7	38.7	47.7	46.3		
- EXPORT	6.8	7.9	8.4	8.6	31.7	7.8	9.1	8.7	8.4	34.0	8.7	8.3	7.8		
TOTAL SHIPMENTS	**52.8**	**58.2**	**54.0**	**54.0**	**219.0**	**47.9**	**52.4**	**54.0**	**52.4**	**206.7**	**47.4**	**56.0**	**54.1**		
ENDING STOCK	**11.3**	**8.9**	**11.6**	**9.9**		**8.8**	**8.7**	**8.3**	**9.4**		**10.0**	**9.4**	**9.8**		
IMPORTS	6.3	5.9	7.3	6.8	26.3	5.3	6.2	6.5	6.2	24.2	5.9	6.4	7.9		
TOTAL AVAILABLE	**52.3**	**56.2**	**52.9**	**52.2**	**213.6**	**45.4**	**49.5**	**51.8**	**50.2**	**196.9**	**44.6**	**54.1**	**54.2**		
NYLON															
PRODUCTION	**436.9**	**447.5**	**434.8**	**440.0**	**1759.2**	**428.3**	**438.1**	**408.2**	**397.3**	**1671.9**	**383.9**	**410.1**	**431.7**		
SHIPMENTS - DOMESTIC	387.9	399.7	400.9	386.8	1575.3	382.5	383.2	377.8	394.0	1537.5	327.1	386.8	408.0		
- EXPORT	42.7	38.9	34.8	40.4	156.8	37.9	38.4	43.0	39.5	158.8	37.4	35.2	32.2		
TOTAL SHIPMENTS	**430.6**	**438.6**	**435.7**	**427.2**	**1732.1**	**420.4**	**421.6**	**420.8**	**433.5**	**1696.3**	**364.5**	**422.0**	**440.2**		
ENDING STOCK	**131.6**	**140.5**	**139.6**	**152.4**		**160.3**	**176.8**	**164.2**	**128.0**		**147.4**	**135.5**	**127.0**		
OLEFIN [a]															
PRODUCTION	**313.8**	**324.6**	**310.4**	**308.4**	**1257.2**	**339.7**	**366.7**	**359.5**	**350.7**	**1416.6**	**321.9**	**353.6**	**371.1**		
SHIPMENTS - DOMESTIC	308.0	315.5	301.6	300.9	1226.0	335.8	365.4	356.5	347.2	1404.9	312.0	353.0	361.3		
- EXPORT	5.2	6.4	7.2	3.7	22.5	4.6	5.5	5.6	5.7	21.4	5.2	8.4	5.2		
TOTAL SHIPMENTS	**313.2**	**321.9**	**308.8**	**304.6**	**1248.5**	**340.4**	**370.9**	**362.1**	**352.9**	**1426.3**	**317.2**	**361.4**	**366.5**		
ENDING STOCK	**58.0**	**60.7**	**62.3**	**66.1**		**65.4**	**61.2**	**58.6**	**56.4**		**61.1**	**53.3**	**57.9**		
POLYESTER															
PRODUCTION	**314.4**	**325.3**	**306.4**	**262.9**	**1209.0**	**262.1**	**280.0**	**267.7**	**295.4**	**1105.2**	**288.2**	**302.6**	**300.0**		
SHIPMENTS - DOMESTIC	292.0	303.6	264.1	251.0	1110.7	241.7	271.9	259.9	272.7	1046.2	249.1	283.7	287.3		
- EXPORT	16.0	13.1	13.3	16.2	58.6	16.7	20.9	19.2	28.1	84.9	23.2	22.3	17.8		
TOTAL SHIPMENTS	**308.0**	**316.7**	**277.4**	**267.2**	**1169.3**	**258.4**	**292.8**	**279.1**	**300.8**	**1131.1**	**272.3**	**306.0**	**305.1**		
ENDING STOCK	**112.4**	**121.0**	**150.0**	**145.7**		**149.4**	**136.6**	**125.2**	**119.8**		**135.7**	**132.3**	**127.2**		
TOTAL SYNTHETIC (NONCELLULOSIC) ABOVE															
PRODUCTION	**1065.1**	**1097.4**	**1051.6**	**1011.3**	**4225.4**	**1030.1**	**1084.8**	**1035.4**	**1043.4**	**4193.7**	**994.0**	**1066.3**	**1102.8**		
SHIPMENTS - DOMESTIC	987.9	1018.8	966.6	938.7	3912.0	960.0	1020.5	994.2	1013.9	3988.6	888.2	1023.5	1056.6		
- EXPORT	63.9	58.4	55.3	60.3	237.9	59.2	64.8	67.8	73.3	265.1	65.8	65.9	55.2		
SHIPMENTS	**1051.8**	**1077.2**	**1021.9**	**999.0**	**4149.9**	**1019.2**	**1085.3**	**1062.0**	**1087.2**	**4253.7**	**954.0**	**1089.4**	**1111.8**		
ENDING STOCK	**302.0**	**322.2**	**351.9**	**364.2**		**375.1**	**374.6**	**348.0**	**304.2**		**344.2**	**321.1**	**312.1**		
DOMESTIC SHIPMENTS	987.9	1018.8	966.6	938.7	3912.0	960.0	1020.5	994.2	1013.9	3988.6	888.2	1023.5	1056.6		
IMPORTS -TEXTURED YARN [b]	14.4	14.7	15.0	11.8	55.9	14.4	19.8	18.9	9.9	63.0	7.5	11.5	12.2		
- OTHER YARN [b]	23.3	33.0	32.5	28.6	117.4	24.6	20.2	18.4	19.8	83.0	25.7	28.3	29.8		
- MONOFILAMENTS	1.2	1.6	4.0	2.1	8.9	2.5	2.3	2.0	1.9	8.7	1.9	2.1	2.8		
TOTAL IMPORTS	38.9	49.3	51.5	42.5	182.2	41.5	42.3	39.3	31.6	154.7	35.1	41.9	44.8		
TOTAL AVAILABLE	**1026.8**	**1068.1**	**1018.1**	**981.2**	**4094.2**	**1001.5**	**1062.8**	**1033.5**	**1045.5**	**4143.3**	**923.3**	**1065.4**	**1101.4**		
						GLASS FIBER									
TOTAL SHIPMENTS	**394.2**	**399.3**	**363.4**	**373.2**	**1530.1**	**374.5**	**414.6**	**388.3**	**341.7**	**1519.1**	**335.7**	**392.1**	**397.2**		

FOOTNOTES FOR TABLE ABOVE & OPPOSITE:

"Imports" are general imports, as reported by the U.S. Census Bureau.

a. Also include film fiber as well as spunbonded polypropylene.
b. Includes singles and plied.
c. For Harmonized Tariff Schedule numbers, please see pages 73-79 of the April 1989 ***Fiber Organon.***
d. Includes both rayon & acetate yarn.
e. For Harmonized Tariff Schedule numbers, please see pages 73-79 of the April 1989 ***Fiber Organon***

TABLE 14:
QUARTERLY MANUFACTURED FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1989 1ST Q	1989 2ND Q	1989 3RD Q	1989 4TH Q	1989 YEAR	1990 1ST Q	1990 2ND Q	1990 3RD Q	1990 4TH Q	1990 YEAR	1991 1ST Q	1991 2ND Q	1991 3RD Q	1991 4TH Q	1991 YEAR
						STAPLE+TOW									
RAYON															
PRODUCTION	100.8	101.2	83.2	77.6	362.8	73.3	72.0	74.2	79.6	299.1	67.4	68.7	69.7		
SHIPMENTS -DOMESTIC	99.7	91.7	76.6	70.2	338.2	77.6	71.6	72.3	70.2	291.7	57.2	67.1	68.8		
-EXPORT	3.4	5.4	4.3	3.1	16.2	4.1	4.3	2.8	1.3	12.5	1.5	2.7	2.1		
TOTAL SHIPMENTS	103.1	97.1	80.9	73.3	354.4	81.7	75.9	75.1	71.5	304.2	58.7	69.8	70.9		
ENDING STOCK	11.7	15.8	18.1	22.4		14.0	10.1	9.2	17.3		26.0	24.9	23.7		
DOMESTIC SHIPMENTS	99.7	91.7	76.6	70.2	338.2	77.6	71.6	72.3	70.2	291.7	57.2	67.1	68.8		
IMPORTS FOR CONSUMPTION STAPLE / GROUPED FILAMENTS	15.1	13.3	12.4	13.2	54.0	18.9	23.9	35.4	33.4	111.6	26.9	20.3	23.3		
TOTAL IMPORTS	15.1	13.3	12.4	13.2	54.0	18.9	23.9	35.4	33.4	111.6	26.9	20.3	23.3		
TOTAL AVAILABLE	114.8	105.0	89.0	83.4	392.2	96.5	95.5	107.7	103.6	403.3	84.1	87.4	92.1		
NYLON															
PRODUCTION	252.9	242.0	241.0	244.8	980.7	237.0	273.0	242.8	236.8	989.6	200.6	206.4	237.2		
SHIPMENTS -DOMESTIC	242.0	231.2	245.8	236.3	955.3	242.6	243.1	235.7	228.8	950.2	179.1	219.5	233.1		
-EXPORT	7.5	4.8	5.4	5.5	23.2	7.1	6.5	6.1	4.8	24.5	6.5	7.1	7.1		
TOTAL SHIPMENTS	249.5	236.0	251.2	241.8	978.5	249.7	249.6	241.8	233.6	974.7	185.6	226.6	240.2		
ENDING STOCK	51.0	57.0	46.8	49.8		37.1	60.5	61.5	64.7		79.7	59.5	56.5		
IMPORTS	6.4	5.4	5.4	8.9	26.1	12.4	9.9	9.9	8.9	41.1	6.5	7.8	9.8		
TOTAL AVAILABLE	248.4	236.6	251.2	245.2	981.4	255.0	253.0	245.6	237.7	991.3	185.6	227.3	242.9		
ACRYLIC+MODACRYLIC															
PRODUCTION	144.3	145.6	129.4	123.4	542.7	129.6	136.9	129.0	110.3	505.8	103.0	116.4	119.8		
SHIPMENTS -DOMESTIC	112.9	112.4	102.8	86.7	414.8	98.8	94.0	84.0	75.4	352.2	76.1	87.1	82.8		
-EXPORT	23.6	32.5	30.0	36.5	122.6	24.5	32.5	42.2	49.2	148.4	30.7	26.6	27.3		
TOTAL SHIPMENTS	136.5	144.9	132.8	123.2	537.4	123.3	126.5	126.2	124.6	500.6	106.8	113.7	110.1		
ENDING STOCK	69.0	69.7	66.3	66.5		72.8	83.2	86.0	71.7		67.9	70.6	80.3		
IMPORTS	9.4	11.1	8.5	8.5	37.5	12.6	9.6	6.8	8.8	37.8	9.2	10.0	8.7		
TOTAL AVAILABLE	122.3	123.5	111.3	95.2	452.3	111.4	103.6	90.8	84.2	390.0	85.3	97.1	91.5		
OLEFIN															
PRODUCTION	97.1	97.7	92.0	94.8	381.6	96.9	105.3	102.8	100.5	405.5	102.2	115.3	117.0		
SHIPMENTS -DOMESTIC	91.6	93.5	91.4	86.9	363.4	94.0	102.0	96.8	95.1	387.9	97.1	110.6	115.0		
-EXPORT	3.1	3.7	3.4	3.8	14.0	6.0	6.2	6.3	4.2	22.7	3.1	6.1	5.6		
TOTAL SHIPMENTS	94.7	97.2	94.8	90.7	377.4	100.0	108.2	103.1	99.3	410.6	100.2	116.7	120.6		
ENDING STOCK	32.8	33.3	30.5	34.6		31.5	28.6	28.3	29.5		31.5	30.1	26.5		
POLYESTER															
PRODUCTION	609.4	648.8	591.0	536.1	2385.3	520.9	545.5	487.9	535.6	2089.9	505.2	524.6	568.7		
SHIPMENTS -DOMESTIC	575.4	594.6	543.0	548.3	2261.3	502.6	510.8	494.3	507.7	2015.4	467.9	525.5	548.5		
-EXPORT	34.9	21.7	20.1	16.8	93.5	15.3	15.2	19.0	33.8	83.3	26.4	29.1	24.3		
TOTAL SHIPMENTS	610.3	616.3	563.1	565.1	2354.8	517.9	526.0	513.3	541.5	2098.7	494.3	554.6	572.8		
ENDING STOCK	158.5	191.0	218.9	189.9		192.9	212.4	187.0	181.1		192.0	162.0	157.9		
IMPORTS	21.5	29.9	34.5	32.7	118.6	24.9	30.3	30.2	37.8	123.2	41.5	43.9	40.0		
TOTAL AVAILABLE	596.9	624.5	577.5	581.0	2379.9	527.5	541.1	524.5	545.5	2138.6	509.4	569.4	588.5		
TOTAL SYNTHETIC (NONCELLULOSIC)															
PRODUCTION	1103.7	1134.1	1053.4	999.1	4290.3	984.4	1060.7	962.5	983.2	3990.8	911.0	962.7	1042.7		
SHIPMENTS -DOMESTIC	1021.9	1031.7	983.0	958.2	3994.8	938.0	949.9	910.8	907.0	3705.7	820.2	942.7	979.4		
-EXPORT	69.1	62.7	58.9	62.6	253.3	52.9	60.4	73.6	92.0	278.9	66.7	68.9	64.3		
TOTAL SHIPMENTS	1091.0	1094.4	1041.9	1020.8	4248.1	990.9	1010.3	984.4	999.0	3984.6	886.9	1011.6	1043.7		
ENDING STOCK	311.3	351.0	362.5	340.8		334.3	384.7	362.8	347.0		371.1	322.2	321.2		
DOMESTIC SHIPMENTS	1021.9	1031.7	983.0	958.2	3994.8	938.0	949.9	910.8	907.0	3705.7	820.2	942.7	979.4		
IMPORTS FOR CONSUMPTION 3 FIBERS ABOVE [c]	37.3	46.4	48.4	50.1	182.2	49.9	49.8	46.9	55.5	202.1	57.2	61.7	58.5		
OTHER N.C. STAPLE [e] / GROUPED FILAMENTS	3.7	2.8	1.7	2.0	10.2	2.5	1.7	1.7	1.8	7.7	1.9	1.9	3.4		
TOTAL IMPORTS	41.0	49.2	50.1	52.1	192.4	52.4	51.5	48.6	57.3	209.8	59.1	63.6	61.9		
TOTAL AVAILABLE	1062.9	1080.9	1033.1	1010.3	4187.2	990.4	1001.4	959.4	964.3	3915.5	879.3	1006.3	1041.3		

See footnotes on opposite page

TABLE 15:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1991	1990
MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]														
ARTIFICIAL (CELLULOSIC)														
YARN	14.8	16.4	16.2	20.3	18.0	17.7	19.0	17.4	17.7	19.4			176.9	173.6
RAYON STAPLE	20.4	16.2	22.1	21.4	25.7	22.7	24.1	24.7	22.1	23.2			222.6	261.2
TOTAL ARTIFICIAL (CELLULOSIC)	35.2	32.6	38.3	41.7	43.7	40.4	43.1	42.1	39.8	42.6			399.5	434.8
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	29.2	28.1	26.5	27.9	28.6	24.4	22.8	25.5	26.3	27.9			267.2	284.9
- CARPET	69.4	54.5	63.8	80.3	85.8	80.4	85.6	92.0	90.9	91.0			793.7	818.2
- TEXTILE	34.2	30.0	28.8	32.9	33.0	28.7	31.7	32.8	32.6	36.2			320.9	306.9
POLYESTER - INDUSTRIAL[d]	25.0	27.0	26.5	29.1	29.0	29.1	26.6	28.9	26.9	32.4			280.5	299.1
- TEXTILE[f]	67.9	61.5	64.4	75.9	74.4	68.5	75.9	74.3	72.5	82.9			718.2	630.8
OLEFIN[e]	103.4	104.4	109.4	119.2	121.1	121.1	114.9	125.0	126.6	121.6			1166.7	1199.1
TOTAL YARN	329.1	305.5	319.4	365.3	371.9	352.2	357.5	378.5	375.8	392.0			3547.2	3539.0
STAPLE+TOW+FIBERFILL														
NYLON	66.8	54.7	64.1	78.1	77.8	70.7	76.2	84.1	79.9	81.5			733.9	830.2
ACRYLIC+MODACRYLIC	36.5	34.8	35.5	34.2	37.5	42.0	33.1	40.0	37.0	45.0			375.6	416.1
POLYESTER	168.6	159.6	166.1	191.7	191.3	171.6	185.3	197.0	190.5	227.0			1848.7	1764.1
OLEFIN	34.7	30.9	34.6	38.5	40.7	37.5	38.0	44.0	38.5	44.5			381.9	346.1
TOTAL STAPLE	306.6	280.0	300.3	342.5	347.3	321.8	332.6	365.1	345.9	398.0			3340.1	3356.5
TOTAL SYNTHETIC (NONCELLULOSIC)	635.7	585.5	619.7	707.8	719.2	674.0	690.1	743.6	721.7	790.0			6887.3	6895.5
TOTAL MANUFACTURED FIBER	670.9	618.1	658.0	749.5	762.9	714.4	733.2	785.7	761.5	832.6			7286.8	7330.3
MANUFACTURED FIBER END-OF-MONTH STOCK														
ARTIFICIAL (CELLULOSIC)														
YARN	10.2	9.6	10.0	9.6	9.4	9.4	9.6	9.4	9.8	9.9			9.9	8.6
RAYON STAPLE	22.4	27.3	26.0	26.6	23.9	24.9	25.9	24.8	23.7	23.2			23.2	8.8
TOTAL ARTIFICIAL (CELLULOSIC)	32.6	36.9	36.0	36.2	33.3	34.3	35.5	34.2	33.5	33.1			33.1	17.4
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	25.0	23.9	24.7	26.9	26.1	28.2	30.8	29.7	31.0	31.6			31.6	30.4
- CARPET	72.0	80.6	77.6	66.3	58.5	58.4	59.9	52.1	47.1	50.3			50.3	75.8
- TEXTILE[f]	46.2	46.2	45.1	45.6	47.3	48.9	50.4	49.5	48.9	45.7			45.7	50.9
POLYESTER - INDUSTRIAL[d]	41.0	43.0	41.8	44.6	42.5	40.6	39.3	38.1	37.9	35.8			35.8	38.1
- TEXTILE[f]	86.4	93.4	93.9	90.5	90.7	91.7	92.2	86.1	89.3	83.6			83.6	90.1
OLEFIN[e]	61.5	59.7	61.1	59.8	56.4	53.3	53.4	53.7	57.9	57.9			57.9	57.1
TOTAL YARN	332.1	346.8	344.2	333.7	321.5	321.1	326.0	309.2	312.1	304.9			304.9	342.4
STAPLE+TOW+FIBERFILL														
NYLON	71.0	81.6	79.7	68.2	61.2	59.5	61.9	57.3	56.5	55.8			55.8	59.4
ACRYLIC+MODACRYLIC	73.4	72.4	67.9	72.1	74.9	70.6	78.0	79.3	80.3	77.7			77.7	81.2
POLYESTER	192.7	189.5	192.0	185.8	170.5	162.0	174.9	164.7	157.9	148.6			148.6	171.6
OLEFIN	29.8	30.0	31.5	33.3	30.1	30.1	30.2	26.0	26.5	26.5			26.5	28.3
TOTAL STAPLE	366.9	373.5	371.1	359.4	336.7	322.2	345.0	327.3	321.2	308.6			308.6	340.5
TOTAL SYNTHETIC (NONCELLULOSIC)	699.0	720.3	715.3	693.1	658.2	643.3	671.0	636.5	633.3	613.5			613.5	682.9
TOTAL MANUFACTURED FIBER	731.6	757.2	751.3	729.3	691.5	677.6	706.5	670.7	666.8	646.6			646.6	700.3

	COTTON & WOOL CONSUMPTION[g] 1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER		
RAW COTTON	1032.9	1112.0			2144.9	2060.9
APPAREL CLASS WOOL	34.6	40.5			75.1	64.1
CARPET CLASS WOOL	3.1	3.1			6.2	6.7
TOTAL RAW WOOL	37.7	43.6			81.3	70.8

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.
g. **Cotton and Wool data for 1991 available on a quarterly basis only.**

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